Anaconda SEALTITE®



4-5

6

7

8

9

10

11

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

29

30

31

32

33

34-35

When you say SEALTITE®, there is only one: ANACONDA.





Type CNP

FLEXIBLE CONDUIT TYPES UA **EFST** EF **HTUA** HC **HCX ZHUA** CW OR **EFL MTC** STAINLESS STEEL CONNECTORS **DE-710** DSL **RWS**





RWA

NMUA

CNP

FG

SL

UI

NWC

FireTech™

SHIELDTITE®

NMUA CONNECTORS

PACKAGING & CUTTING INSTRUCTIONS

CHEMICAL RESISTANCE CHART





SHIELDTITE®



Type MTC

ANAMET Electrical, Inc.



AN ANAMET COMPANY

ANACONDA - SEALTITE®

The American Metal Hose Company was incorporated in 1908 as an outlet for brass mill products of The American Brass Company. Operations were located at South Main Street and Jewelry Street in Waterbury, Connecticut.

In January 1922, the Anaconda Mining Company purchased The American Brass Company. The Atlantic Richfield Company (ARCO) acquired The Anaconda Company including The American Brass Company in 1977.

The origins of SEALTITE® are directly connected to the development of the first liquid-tight flexible electrical conduit for the machine tool industry in 1942. The first Underwriters Laboratories approval for SEALTITE® made by American Metal Hose occurred in April, 1949.

In March 1984, the Anaconda Metal Hose Division was sold by ARCO to a group of private and management investors under the name of Anamet Inc. Global operations included plants in Waterbury, Connecticut; Mattoon, Illinois; Colborne, Ontario, Canada; Amsterdam, The Netherlands; Hinkley, Leichestshire, England and Mexico City, Mexico.

In March 1993, Anamet Electrical, Inc. was organized as a Delaware corporation. The company currently employs over 100 people operating on a three shift basis in Mattoon, Illinois. The company is located on Interstate 57 and Route 16 on 31 acres with 230,400 square feet of space.

Anamet Electrical, Inc. is a leading worldwide supplier of SEALTITE® flexible liquid-tight electrical wiring conduit. The company is known for its broad range of high quality conduit used in applications ranging from machine tools, computer wiring, office furniture, nuclear power plants, mass-transit vehicles, military shielding and industrial construction.



CAT-03-130901

Flexible Conduit Types



Product Type	Pg	Construction	Application	Certifications
JACKETED CONDU	<u>IIT</u>			
UA UL Listed CSA Approved	6	Hot Dipped Zinc Galvanized Steel Core Polyvinyl Chloride Cover Direct Burial and in Concrete: 3/8" thru 4" Size Range: 3/8" thru 4" - Black or Gray Other Colors Upon Request	Where UL Listing is Required and Conduit Grounding is Necessary Temperature Range: -4°F to +140°F (-20°C to +60°C)	Rohs weee
EFST Extra Flexible	7	Hot Dipped Zinc Galvanized Steel Core Cord Packing Polyvinyl Chloride Cover Size Range: 1/4" thru 6" - Black or Gray	For Vibration, Movement, Crossover Connections and Tight Bends Temperature Range: -4°F to +140°F (-20°C to +60°C)	RoHS WEEE
EF General Construction	8	Hot Dipped Zinc Galvanized Steel Core Polyvinyl Chloride Cover Size Range: 3/8" thru 2" - Gray	Designed for General Construction Grade Applications Temperature Range: -4°F to +140°F (-20°C to +60°C)	RoHS WEEE
HTUA High Temperature	9	Hot Dipped Zinc Galvanized Steel Core Special Polyvinyl Chloride Cover for Temperature Extremes Direct Burial and in Concrete: 3/8" thru 4" Size Range: 3/8" thru 4"- Black or Gray	Ideal for Environments with Extreme Temperatures and UL Listing is Required Temperature Range: -51°F to +221°F (-46°C to +105°C)	ROHS WEEE
HC High Low Temperature	10	Hot Dipped Zinc Galvanized Steel Core EFST Core Design with Special Polyvinyl Chloride Cover for Temperature Extremes Size Range: 3/8" thru 4"- Black or Gray	High and Low Temperature Environments Temperature Range: -51°F to +221°F (-46°C to +105°C)	RoHS WEEE
HCX Extreme High Low Temperature	11	Hot Dipped Zinc Galvanized Steel Core EFST Core Design with Special Thermoplastic Rubber Cover for Extreme Temperatures Size Range: 3/8" thru 4"- Black	Where Flexibility is Required in Extreme Temperature Environments Temperature Range: -94°F to +392°F (-70°C to +200°C)	RoHS WEEE
ZHUA Zero Halogen	13	Hot Dipped Zinc Galvanized Steel Core with Bonding Wire thru 1-1/4" Special Zero Halogen Cover Size Range: 3/8" thru 4"- Black	For Restricted or Self-Contained Ventilation Areas Temperature ranges -40°F to + 176°F	(UL)
222			(-40°C to +80°C)	RoHS WEEE
CW Computer Blue	14	Hot Dipped Zinc Galvanized Steel Core with Polyvinyl Chloride Cover Direct Burial and in Concrete: 1/2" thru 3" Size Range: 1/2" thru 3" Other Colors Upon Request	Computer Wiring Meets Requirements of NEC Temperature Range: -4°F to +140°F (-20°C to +60°C)	Rohs Weee
OR Oil Resistant	15	Hot Dipped Zinc Galvanized Steel Core EFST Core Design with Special Oil Resistant Polyvinyl Chloride Cover Size Range: 3/8" thru 4" - Black or Gray	Where Exposure to Cutting Oils Occur Temperature Range: -9°F to +221°F (-23°C to +105°C)	RoHS WEEE
EFL Corrosion Resistant Aluminum	16	Lightweight Corrosion Resistant Aluminum Core Polyvinyl Chloride Cover Size Range: 3/8" thru 4"- Gray	Where the Atmosphere is Corrosive and added Flexibility and Crush Strength is Important Temperature Range: -4°F to +140°F (-20°C to +60°C)	RoHS WEEE
MTC Machine Tool Conduit	17	Hot Dipped Zinc Galvanized Steel Core Polyvinyl Chloride Cover Size Range: 3/8" thru 2"- Black	Extra Flexible. For Use in Machine Centers and Robotics Temperature Range: -4°F to +140°F (-20°C to +60°C)	RoHS WEEE
Stainless Steel Connectors	18	4 piece Stainless Steel Type 304 fitting Excellent corrosion resistance and strength Offered in Straight and 90° Size Range: 3/8" thru 1"	Connectors can be installed with all Anaconda Sealtite® Liquid tight flexible metal conduit. Approved for both exposed and concealed locations. Temperature Range: -49°F to +221°F (-45°C to +105°C)	RoHS WEEE

Flexible Conduit Types



Product Type	Pg	Construction	Application	Certifications
UNJACKETED CON	IDUI			
DE-710	19	Hot Dipped Zinc Galvanized Steel Core Unpacked Size Range: 5/16" thru 3/4"	Extra Flexible Extra Strength +450°F Maximum Temperature	RoHS WEEE
DSL	20	Hot Dipped Zinc Galvanized Steel Core Unpacked Size Range: 3/16" thru 3/4"	Ideal for Applications Where Tight Bends are Required. +450°F Maximum Temperature	RoHS WEEE
RWS Greenfield	21	Interlocked Zinc Coated Strip Steel Size Range: 3/8" thru 4"	Flexible with High Crush Resistance Meets Requirements of UL1 and NEC 348 +450°F Maximum Temperature	RoHS WEEE
RWA Greenfield	22	Lightweight Aluminum Smooth Inside and Outside Size Range: 3/8" thru 4"	Flexible with High Crush Resistance Meets Requirements of UL1 and NEC 348 +500°F Maximum Temperature	RoHS WEEE
FIRETECH™	23	perfect insulator in steel mills, glass manufa exposed to fire, heat and molten splash. Bu	ilt from high bulk fiberglass and coated with a per, FireTech™ can take continuous exposure	RoHS WEEE
NON-METALLIC NMUA General Purpose MART BRUTTER AND A 1797 8	24	Smooth Inner Core Polyvinyl Chloride Cover Type B Non- Metallic Conduit Size Range: 3/8" thru 2" - Gray	General Purpose Non-Metallic-Smooth Inner/Outer Wall Temperature Range: of -17°F to +176°F (-27°C to +80°C).	ROHS WEEE
NMUA CONNECTORS	25	Type Nylon 66 Construction with "O" Ring and Steel Lock Nut Direct Burial and in Concrete Size Range: 3/8" thru 2" - Gray	Type B LFNC Straight and 90° Connectors Temperature Range: -40°F to +212°F (-40°C to +100°C).	Rohs Weee
CNP Extra Flexible	26	Smooth Inner Core Nylon Braided Reinforcement Type A Non-Metallic Conduit Size Range: 3/8" thru 2" - Orange or Gray	Where Abrasion or Physical Abuse are Factors, Constant Flexing or Movement Temperature Range: -4°F to +140°F (-20°C to +60°C)	ROHS WEEE
SPECIAL SHIELDTITE® EMI/RFI	27	Special Bronze core With Special Polyvinyl Chloride Cover Size Range: 3/8" thru 4"- Gray Military Standard: MIL-STD 1310D	For High Level RFI and EMI Shielding Temperature Range: -51°F to +221°F (-46°C to +105°C)	RoHS WEEE
FG Food Grade	29	Hot Dipped Zinc Galvanized Steel Core Flexible PVC jacket formulated for food and beverage applications per FDA CFR21 and NSF 51 requirements. Size Range: 3/8" thru 2"	NSF Certified to NSF/ANSI 169 for special purpose food equiptment or devices. Ideal for wash down and food processing Temperature Range: -4°F to +140°F (-20°C to +60°C)	NSF Rohs Weee
NWC Nuclear Conduit	30	Hot Dipped Zinc Galvanized Steel Core with Bonding Wire Through 1-1/4" Special Radiation Resistant Cover Size Range: 3/8" thru 4" - Black	Nuclear Application or Where Radiation Protection is Necessary Temperature Range: -40°F to +192°F (-40°C to +89°C)	
STRIP WOUND SL Square Locked	31	Type 302 Stainless Steel Core Size Range: 1/8" thru 5/8"	Flexible with High Crush and Corrosion Resistance 1800°F Maximum Temperature	RoHS WEEE
UI Fully Interlocked	32	Fully Interlocked Type 302 Stainless Steel Core Size Range: 5/32" thru 1/2"	Flexible with High Crush and Corrosion Resistance Product Will Not Spring Open or Unwind 1800°F Maximum Temperature	RoHS WEEE

Type UA

UL Listed, CSA Certified Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Durable, sunlight resistant and flame retardant thermoplastic PVC jacket that resists heat, oil and chemical breakdown.

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Approved for both exposed and concealed locations. Rated for temperature ranges -4°F to + 140°F (-20°C to +60°C).
- Approved as an equipment grounding conductor in sizes 3/8" through 1-1/4" if the total grounding path is 6 ft. or less and the circuit conductors are protected by over 20 amps for 3/8" and 1/2" and 60 amps or less for 3/4" through 1-1/4".
- Suitable for use in hazardous locations per NEC Articles 501 Class I Div. 2, Article 502 Class II Div. 1 & 2, Article 503 Class III Div. 1 & 2.
- Manufactured in a full range of trade sizes from 3/8" through 4".
- Approved for direct burial and in concrete trade sizes 3/8" through 4".
- Complies with UL Standard 360 File No. E18917; CSA C22.2 File No. 158897; and NEC Article 350.



Square-Locked Design with integral bonding wire 3/8" through 1-1/4



Interlocked Design 1-1/2" through 4" with no bonding wire

NEC Articles

- Article 250.118 (6) Equipment Grounding
- Article 300.22 (D) Information Technology Equipment
- Article 350 Liquid-Tight Flexible Metal Conduit (LFMC)
- Article 501.10 (B) (2) Class I Div. 2
- Article 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
- Article 503.10 (A) (3) and (B) Class III Div. 1 & 2
- Article 620.21 Elevator Wiring Methods
- Article 645.5 (E) (2) Under Raised Floors

www.ul.com www.nfpa.org www.nema.org www.csa-international.org www.naed.org

www.anametelectrical.com







Type UA

Gray or Black thermoplastic PVC jacket with integral bonding wire 3/8" through 1-1/4"





ANACONDA - SEALTITE® - M TYPE U.A.

				Approx									
				Inside	Approx								
Ele	ctrical			Bend	Weight								
Trac	de Size	Inside Diameter	Outside Diameter	Radius	lbs.	Small	Carton	Standar	d Carton	Small	Reels	Standar	d Reels
Inches	mm	Inches	Inches	Inches	PER	Length	NAED	Length	NAED	Length	NAED	Length	NAED
		MIN. MAX.	MIN. MAX.		100 FT.	Feet	PIN	Feet	PIN	Feet	PIN	Feet	PIN
3/8	12	.484 – .504	.690 – .710	3.0	25	100	34202	200	34201	800	34204	1500	34203
1/2	16	.622 – .642	.822 – .840	3.5	29	100	34212	200	34211	500	34214	1000	34213
3/4	21	.820840	1.030 - 1.050	5.0	44	100	34222	150	34221	500	34228	1000	34229
1	27	1.041 - 1.066	1.290 - 1.315	6.0	73			100	34231	400	34238		
1-1/4	35	1.380 - 1.410	1.630 - 1.660	7.0	100			50	34241	250	34248		
1-1/2	41	1.575 - 1.600	1.865 - 1.900	5.5	112			50	34251	150	34254		
2	53	2.020 - 2.045	2.340 - 2.375	7.0	148			50	34261	100	34268		
2-1/2	63	2.480 - 2.505	2.840 - 2.875	9.5	182			25	34272			100	34274
3	78	3.070 - 3.100	3.460 - 3.500	15	255			25	34281			100	34284
3-1/2	91	3.500 - 3.540	3.960 - 4.000	16	314			25	34301			100	34304
4	103	4.000 - 4.040	4.460 - 4.500	17	362			25	34291			100	34294

Note: 1. Gray - Specification above.

2. Black - Change third number in NAED code to "0".

3. Other Colors are available upon request.

Typical specification:

Conduit shall be Anaconda SEALTITE® Type UA. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with an integral bonding wire in sizes 3/8" thru 1-1/4". Conduit shall have a sunlight resistant and flame retardant PVC jacket in electrical trade sizes 3/8" thru 4". Conduit shall be UL listed, CSA certified and IP 66/67 rated when installed with approved end connectors.

Type EFST

Flexible All Purpose Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Durable, sunlight resistant thermoplastic PVC jacket that resists heat, oil and chemical breakdown.

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Delivers superior wiring protection where agency approvals are not required.
- Manufactured in a full range of sizes from 1/4" through 6". Conduit sizes 2-1/2", 3", 3-1/2" and 4" are Type UA/EFST See page 7 for specifications.
- · Smooth appearing cover for exposed applications.
- Rated for temperature range of -4°F to +140°F (-20°C to +60°C).
- Provides liquid-tight raceway for electrical conductors.



Square-Locked Design with cord packing 5/16" through 1-1/4"



Interlocked Design 1/4" and 1-1/2" through 4"

www.nema.org
www.naed.org
www.anametelectrical.com



RoHS WEEE COMPLIANT

Type EFST

Gray or Black thermoplastic PVC jacket no bonding wire



Product Specifications

Ordering Information

				Approx									
				Inside	Approx								
	trical		1	Bend	Weight			i		i		ı	
Trade	Size	Inside Diameter	Outside Diameter	Radius	lbs.	Small	Carton	Standar	d Carton	Small	Reels	Standa	rd Reels
Inches	mm	Inches	Inches	Inches	PER	Length	NAED	Length	NAED	Length	NAED	Length	NAED
		MIN. MAX.	MIN. MAX.		100 FT.	Feet	PIN	Feet	PIN	Feet	PIN	Feet	PIN
1/4	7	.245 – .260	.445 – .460	1.7	14			500	36181				
5/16	10	.390 – .405	.560575	2.0	15			500	36191				
3/8	12	.485 – .505	.690710	2.0	21	100	36202	250	36201	800	36204	1500	36203
1/2	16	.620640	.820840	2.5	25	100	36212	200	36211	500	36214	1000	36213
3/4	21	.815 – .835	1.030 - 1.050	3.0	39	100	36222			500	36228	1000	36226
1	27	1.030 - 1.055	1.290 - 1.315	4.0	51			100	36231	400	36238		
1-1/4	35	1.370 - 1.395	1.635 - 1.660	4.5	66			50	36241	250	36248		
1-1/2	41	1.575 – 1.600	1.865 - 1.900	5.5	104			50	36251	150	36254		
2	53	2.020 - 2.045	2.340 - 2.375	7.0	136			50	36261	100	36268		ĺ
2-1/2	63	2.480 - 2.505	2.840 - 2.875	9.5	182			25	34272			100	34274
3	78	3.070 - 3.100	3.460 - 3.500	15	255			25	34281			100	34284
3-1/2	91	3.500 - 3.540	3.960 - 4.000	16	314			25	34301			100	34304
4	103	4.000 - 4.040	4.460 - 4.500	17	362			25	34291			100	34294
5	129	4.975 - 5.035	5.505 - 5.565	22	534			25	36351				
6	155	6.015 - 6.075	6.565 - 6.625	30	666			25	36361				

Note: 1. Gray - Specification above.

- 2. Black Change third number in NAED code to "0".
- 3. Other colors available upon request.

TyPICAL SPECIFICATION

Conduit shall be Anaconda SEALTITE® Type EFST. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with sunlight resistant PVC outer jacket. Type EFST conduit shall be used for applications where agency approvals are not required. Conduit IP 66/67 rated when installed with approved end connectors.

Type EF

General Construction Grade Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Durable, sunlight resistant thermoplastic PVC jacket that resists heat, oil and chemical breakdown.



Square-Locked Design 3/8" through 2"

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Delivers superior wiring protection where agency approvals are not required.
- Manufactured in a full range of trade sizes from 3/8" through 2".
- · Smooth appearing jacket for exposed applications.
- Rated for temperature range of -4°F to +140°F (-20°C to +60°C).
- · Provides liquid-tight raceway for electrical conductors.

www.naed.org www.nema.org www.anametelectrical.com



RoHS WEEE COMPLIANT

Type EF

Gray thermoplastic PVC jacket no bonding wire



Product Specifications

Ordering Information

						Approx									
						Inside	Approx								
Elect	trical	_		_		Bend	Weight			_		_		_	
Trade	Size	Inside D	iameter	Outside [Diameter	Radius	lbs.	Small	Carton	Standar	d Carton	Small	Reels	Standa	rd Reels
Inches	mm	Inch	nes	Incl	hes	Inches	PER	Length	NAED	Length	NAED	Length	NAED	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN	Feet	PIN	Feet	PIN	Feet	PIN
3/8	12	.485 –	505	.690 -	710	2.0	17	100	39402	250	39401	800	39404		
1/2	16	.620 –	640	.820 –	840	2.5	19	100	39412	200	39411	500	39414	1000	39413
3/4	21	.815 –	835	1.030 -	- 1.050	3.0	26			100	39422	500	39428	1000	39429
1	27	1.030 -	- 1.055	1.290 -	- 1.315	4.0	45			100	39431	400	39438		
1-1/4	35	1.370 –	- 1.395	1.635 -	- 1.660	4.5	65			50	39441	250	39448		
1-1/2	41	1.575 –	- 1.600	1.865 -	- 1.900	5.5	95			50	39451	150	39454		
2	53	2.020 -	- 2.045	2.340 -	- 2.375	7.0	120			50	39461	100	39468		

NOTE: 1. Other colors available upon request.

TyPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type EF. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with sunlight resistant PVC outer jacket. Type EF conduit shall be used for applications where agency approvals are not required. Conduit IP 66/67 rated when installed with approved end connectors.

^{2.} Standard SEALTITE® Type EFST is recommended in sizes above 2"

Type HTUA

UL Listed, CSA Certified Higher and Lower Temperatures Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Durable, sunlight resistant and flame retardant thermoplastic PVC jacket that resists heat, oil and chemical breakdown.
- · Designed for most extreme temperature applications.

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Approved for both exposed and concealed locations Rated for temperature ranges UL temps -51°F to + 221°F (-46°C to +105°C), CSA -51°F to 167°F (-46°C to +75°C).
- Approved as an equipment grounding conductor in sizes 3/8" through 1-1/4" if the total grounding path is 6 ft. or less and the circuit conductors are protected by over 20 amps for 3/8" and 1/2" and 60 amps or less for 3/4" through 1-1/4".
- Suitable for use in hazardous locations per NEC Articles 501 Class I Div. 2, Article 502 Class II Div. 1 & 2, Article 503 Class III Div. 1 & 2.
- Manufactured in a full range of trade sizes from 3/8" through 4".
- Approved for direct burial and in concrete trade sizes 3/8" through 4".
- Complies with UL Standard 360 File No. E18917; CSA C22.2 File No. 158897; and NEC Article 350.



Square-Locked Design with integral bonding wire 3/8" through 1-1/4'



Interlocked Design 1-1/2" through 4" with no bonding wire

NEC Articles

- Article 250.118 (6) Equipment Grounding
- Article 300.22 (D) Information Technology Equipment
- Article 350 Liquid-Tight Flexible Metal Conduit (LFMC)

ANACONDA - SEALTITE® - M TYPE H.T.U.A.

- Article 501.10 (B) (2) Class I Div. 2
- Article 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
- Article 503.10 (A) (3) and (B) Class III Div. 1 & 2
- Article 620.21 Elevator Wiring Methods
- · Article 645.5 (E) (2) Under Raised Floors

www.ul.com www.nfpa.org www.nema.org www.csa-international.org www.naed.org www.anametelectrical.com





Type HTUA

Gray or Black thermoplastic PVC jacket with integral bonding wire 3/8" through 1-1/4"

Product Specifications

Ordering Information

							0111104114		
		•	•	Approx				<u> </u>	
				Inside	Approx				
Elect	trical			Bend	Weight				
Trade	Size	Inside Diameter	Outside Diameter	Radius	lbs.	Small (Cartons	Small	Reels
Inches	mm	Inches	Inches	Inches	PER	Length	NAED	Length	NAED
		MIN. MAX.	MIN. MAX.		100 FT.	Feet	PIN	Feet	PIN
3/8	12	.484 – .504	.690 – .710	3.0	24	100	37402	800	37404
1/2	16	.622 – .642	.822840	3.5	29	100	37412	500	37414
3/4	21	.820840	1.030 - 1.050	5.0	43	100	37422	500	37428
1	27	1.041 - 1.066	1.290 - 1.315	6.0	73	100	37431	400	37438
1-1/4	35	1.380 - 1.410	1.630 - 1.660	7.0	100	50	37441	250	37448
1-1/2	41	1.575 – 1.600	1.865 - 1.900	5.5	112	50	37451	150	37454
2	53	2.020 - 2.045	2.340 - 2.375	7.0	148	50	37461	100	37468
2-1/2	63	2.480 - 2.505	2.840 - 2.875	9.5	181	50	37471		
3	78	3.070 - 3.100	3.460 - 3.500	15	255	25	37481		
3-1/2	91	3.500 - 3.540	3.960 - 4.000	16	305	25	37301		
4	103	4.000 - 4.040	4.460 - 4.500	17	361	25	37491		

NOTE: 1. Gray - Specification above.

- 2. Black Change third number in NAED code to "6". Available in small cartons and small reels only.
- 3. Other colors available upon request.

TyPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type HTUA. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with an integral bonding wire in sizes 3/8" thru 1-1/4". Conduit shall have a sunlight resistant and flame retardant PVC jacket in electrical trade sizes 3/8" thru 4". Conduit shall be UL listed, CSA certified and IP 66/67 rated when installed with approved end connectors.

ANAMET Electrical, Inc.

Type HC

Temperature Conditions Are Higher/Lower Than Normal Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- that resists heat, oil and chemical breakdown.

Durable, sunlight resistant thermoplastic PVC jacket Square-Locked Design with cord packing 3/8" through 1-1/4"

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Delivers superior wiring protection where agency approvals are not required.
- Manufactured in a full range of trade sizes from 3/8" through 4".
- Smooth appearing jacket for exposed applications.
- Rated for temperature range of -51°F to +221°F (-46°C to +105°C).
- Provides liquid-tight raceway for electrical conductors.





Interlocked Design 1-1/2" through 4

www.naed.org www.nema.org www.anametelectrical.com



RoHS WEEE COMPLIANT



Type HC

Gray or Black thermoplastic PVC jacket no bonding wire



Product Specifications

Ordering Information

						Approx Inside	Approx				
Elect	trical					Bend	Weight				
Trade	Size	Inside D	iameter	Outside I	Diameter	Radius	lbs.	Small (Carton	Small	Reels
Inches	mm	Inc	hes	Inc	hes	Inches	PER	Length	NAED	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN	Feet	PIN
3/8	12	.485 -	505	.690 -	710	2.0	21	100	37202	800	37204
1/2	16	.620 -	640	.820 -	840	2.5	25	100	37212	500	37214
3/4	21	.815 -	835	1.030 -	- 1.050	3.0	39	100	37222	500	37228
1	27	1.030 -	- 1.055	1.290 -	- 1.315	4.0	51	100	37231	400	37238
1-1/4	35	1.370 -	- 1.395	1.635 -	- 1.660	4.5	66	50	37241	250	37248
1-1/2	41	1.575 -	- 1.600	1.865 -	- 1.900	5.5	104	50	37251	150	37254
2	53	2.020 -	- 2.045	2.340 -	- 2.375	7.0	136	50	37261	100	37268

- NOTE: 1. Gray specification above.
 2. Black -Change third number in NAED code to "0". Available in small cartons and small reels only.
 - 3. Sizes above 2" available on special order.
 - 4. Other colors available upon request.

Conduit shall be Anaconda SEALTITE® Type HC. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with sunlight resistant PVC outer jacket. Type HC conduit shall be used for applications where agency approvals are not required. Conduit IP 66/67 rated when installed with approved end connectors.

10 ANAMET Electrical, Inc. \triangle CAT-HC-130901

Type HCX

Extreme Temperature Jacket Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Durable, sunlight resistant thermoplastic rubber jacket that resists heat, oil and chemical breakdown.

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Delivers superior wiring protection where agency approvals are not required.
- Manufactured in a full range of trade sizes from 3/8" through 4".
- · Smooth appearing jacket for exposed applications.
- Rated for temperature range of -76°F to +302°F (-60°C to +150°C).
- · Provides liquid-tight raceway for electrical conductors.



Square-Locked Design with cord packing 3/8" through 1-1/4"



Interlocked Design 1-1/2" through 4"

www.naed.org
www.nema.org
www.anametelectrical.com



RoHS WEEE COMPLIANT

Type HCX

Black thermoplastic rubber jacket no bonding wire



Product Specifications

Ordering Information

						Approx Inside	Approx				
Elect	rical					Bend	Weight				
Trade	Size	Inside D	iameter	Outside I	Diameter	Radius	lbs.	Standard	d Carton	Small	Reels
Inches	mm	Inc	hes	Inc	hes	Inches	PER	Length	NAED	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN	Feet	PIN
3/8	12	.485 -	505	.690 -	710	2.0	21	100	39102	800	39104
1/2	16	.620 -	640	.820 -	840	2.5	25	100	39112	500	39114
3/4	21	.815 -	835	1.030 -	- 1.050	3.0	39	100	39122	500	39128
1	27	1.030 -	- 1.055	1.290 -	- 1.315	4.0	51	100	39131	400	39138
1-1/4	35	1.370 -	- 1.395	1.635 -	- 1.660	4.5	66	50	39141	250	39148
1-1/2	41	1.575 -	- 1.600	1.865 -	- 1.900	5.5	104	50	39151	150	39154
2	53	2.020 -	- 2.045	2.340 -	- 2.375	7.0	136	50	39161	100	39168

Note: Sizes above 2" available on special order

TyPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type HCX. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with sunlight resistant rubber outer jacket. Type HCX conduit shall be used for applications where agency approvals are not required. Conduit IP 66/67 rated when installed with approved end connectors.

Type ZHUA

Zero Halogen-Low Smoke-Low Flame Spread* UL Listed Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Durable, sunlight resistant, flame retardant, LOW SMOKE and ZERO HALOGEN TPU jacket that resists heat, oil and chemical breakdown.
- Designed for most extreme temperature applications.
- Meets the demands of today's higher temperature rated conductors.

Installation

- · Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Approved for both exposed and concealed locations. Rated for temperature ranges -40°F to + 176°F (-40°C to +80°C).
- Approved as an equipment grounding conductor in sizes 3/8" through 1-1/4" if the total grounding path is 6 ft. or less and the circuit conductors are protected by over 20 amps for 3/8" and 1/2" and 60 amps or less for 3/4" through 1-1/4".
- Suitable for use in hazardous locations per NEC Article 501 Class I Div. 2, Article 502 Class II Div. 1 & 2, Article 503 Class III Div. 1 & 2.
- Manufactured in a full range of sizes from 3/8" through 4".
- Approved for direct burial and in concrete trade sizes 3/8" through 4".
- All Sizes Comply with UL Standard 360 File No. E18917; and Trade sizes 1/2" and 3/4" are CUL Listed.



Square-Locked Design with integral bonding wire 3/8" through 1-1/4



Interlocked Design 1-1/2" through 4" with no bonding wire

MEETS or EXCEEDS the following STANDARDS

- Flame Spread Index ASTM E162
- Smoke Density (Generation) ASTM E662
- Toxic Gas Generation Bombardier BSS 7239
- Jacket Material is U.L. 94 Certified
- Conduit is U.L. 360 Listed

NEC Articles

- Article 250.118 (6) Equipment Grounding
- Article 300.22 (D) Information Technology Equipment
- Article 350 Liquid-Tight Flexible Metal Conduit (LFMC)
- Article 501.10 (B) (2) Class I Div. 2
- Article 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
- Article 503.10 (A) (3) and (B) Class III Div. 1 & 2
- Article 620.21 Elevator Wiring Methods
- Article 645.5 (E) (2) Under Raised Floors

www.ul.com www.nfpa.org www.naed.org www.nema.org www.anametelectrical.com

U.L. LISTED (Ս • RoHS WEEE COMPLIANT

Approx

Weight



Type ZHUA

Electrical

Black Zero Halogen jacket with integral bonding wire 3/8" through 1-1/4"

Product Specifications

		_
4	ANACONDA - SEALTITE® - M TYPE Z.H.U.A.	(Մ)

Ordering Information

Trade	Size	Inside D	iameter	Outside I	Diameter	Radius	lbs.	Standar	d Carton	Small	Reels	Standar	d Reels
Inches	mm	Incl	nes	Inc	hes	Inches	PER	Length	NAED	Length	NAED	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN	Feet	PIN	Feet	PIN
3/8	12	.484 -	504	.690 -	710	3.0	25	100	39802	500	39808	1000	39809
1/2	16	.622 -	642	.822 -	840	3.5	29	100	39812	500	39814	1000	39813
3/4	21	.820 –	.840	1.030 -	- 1.050	5.0	44	100	39822	500	39828	1000	39829
1	27	1.041 -	- 1.066	1.290 -	- 1.315	6.0	73	100	39831	400	39838		
1-1/4	35	1.380 -	- 1.410	1.630 -	- 1.660	7.0	100	50	39841	200	39844		
1-1/2	41	1.575 -	- 1.600	1.865 -	- 1.900	5.5	112	50	39851	150	39854		
2	53	2.020 -	- 2.045	2.340 -	- 2.375	7.0	148	50	39861	100	39868		
2-1/2	63	2.480 -	- 2.505	2.840 -	- 2.875	9.5	182	25	39872				
3	78	3.070 -	- 3.100	3.460 -	- 3.500	15	255	25	39881				
3-1/2	91	3.500 -	- 3.540	3.960 -	- 4.000	16	314	25	39791				
4	103	4.000 -	4.040	4.460 -	- 4.500	17	362	25	39891				

Inside

Bend

NOTE: 1. Black - Specification above. 2. Colors are available upon request. 3. Trade sizes 1/2" and 3/4" CUL Listed * Test data results obtained from an independent test laboratory. Consult factory for additional details.

TyPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type ZHUA. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with an integral bonding wire in sizes 3/8" thru 1-1/4". Conduit shall have a sunlight resistant, flame retardant, LOW SMOKE AND ZERO HALOGEN TPU jacket in electrical trade sizes 3/8" thru 4". Conduit shall be UL listed, and IP 66/67 rated when installed with approved end connectors.

Type CW

Computer Blue UL Listed, CSA Certified, Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Durable, sunlight resistant and flame retardant thermoplastic PVC jacket that resists heat, oil and chemical breakdown.

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Approved for both exposed and concealed locations. Rated for temperature ranges -4°F to + 140°F (-20°C to
- Approved as an equipment grounding conductor in sizes 1/2" through 1-1/4, if the total grounding path is 6 ft. or less and the circuit conductors are protected by over 20 amps for 1/2" and 60 amps or less for 3/4" through 1-1/4".
- Suitable for use in hazardous locations per NEC Articles 501 Class I Div. 2. Article 502 Class II Div. 1 & 2, Article 503 Class III Div. 1 & 2.
- Manufactured in a full range of trade sizes from 1/2" through 3".
- Approved for direct burial and in concrete trade sizes 1/2" through 3".
- Complies with UL Standard 360 File No. E18917; CSA C22.2 File No. 158897; and NEC Article 350.



Square-Locked Design with integral bonding wire 1/2" through 1-1/4



Interlocked Design 1-1/2" through 3" with no bonding wire

NEC Articles

- Article 250.118 (6) Equipment Grounding
- Article 300.22 (D) Information Technology Equipment
- Article 350 Liquid-Tight Flexible Metal Conduit (LFMC)
- Article 501.10 (B) (2) Class I Div. 2
- Article 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
- Article 503.10 (A) (3) and (B) Class III Div. 1 & 2
- Article 620.21 Elevator Wiring Methods
- Article 645.5 (E) (2) Under Raised Floors

www.ul.com www.nfpa.org www.nema.org www.csa-international.org www.naed.org www.anametelectrical.com







Type CW

Blue thermoplastic PVC jacket with integral bonding wire 1/2" through 1-1/4"





Ordering Information

						Approx							
						Inside	Approx						
Electr	ical					Bend	Weight						
Trade	Size	Inside Di	ameter	Outside I	Diameter	Radius	lbs.	Standard	d Carton	Small	Reels	Standa	rd Reels
Inches	mm	Inch	es	Inc	hes	Inches	PER	Length	NAED	Length	NAED	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN	Feet	PIN	Feet	PIN
1/2	16	.622 –	.642	.822 -	840	3.5	29	100	34512	500	34514	1000	34513
3/4	21	.820 –	.840	1.030 -	- 1.050	5.0	44	100	34522	500	34528	1000	34526
1	27	1.041 –	1.066	1.290 -	- 1.315	6.0	73	100	34531	400	34538	600	34533
1-1/4	35	1.380 -	1.410	1.630 -	- 1.660	7.0	100	50	34541	250	34548		
1-1/2	41	1.575 –	1.600	1.865 -	- 1.900	5.5	112	50	34551	150	34554		
2	53	2.020 -	2.045	2.340 -	- 2.375	7.0	148	50	34561			100	34568
2-1/2	63	2.480 -	2.505	2.840 -	- 2.875	9.5	182	50	34571			100	34574
3	78	3.070 -	3.100	3.460 -	- 3.500	15	255	25	34581				

NOTE: 1. Other colors available upon request.

2. 3/8" & 4" trade sizes available on special order.

Conduit shall be Anaconda SEALTITE® Type CW. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with an integral bonding wire in sizes 1/2" thru 1-1/4". Conduit shall have a sunlight resistant and flame retardant PVC jacket in electrical trade sizes 1/2" thru 3". Conduit shall be UL listed, CSA certified and IP 66/67 rated when installed with approved end connectors

Type OR

Special Oil Resistant Jacket Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Durable, sunlight resistant thermoplastic PVC jacket that resists heat, oil and chemical breakdown.

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Delivers superior wiring protection where agency approvals are not required.
- Manufactured in a full range of trade sizes from 3/8" through 4".
- · Smooth appearing jacket for exposed applications.
- Rated for temperature range of -9°F to +221°F (-23°C to +105°C).
- · Provides liquid-tight raceway for electrical conductors.



Square-Locked Design with cord packing 3/8" through 1-1/4"



Interlocked Design 1-1/2" through 4"

www.naed.org
www.nema.org
www.anametelectrical.com



RoHS WEEE COMPLIANT

Type OR

Black or Gray thermoplastic PVC jacket no bonding wire



Product Specifications

Ordering Information

						Inside	Approx				
Electri	ical					Bend	Weight				
Trade S	Size	Inside D	iameter	Outside I	Diameter	Radius	lbs.	Small (Carton	Small	Reels
Inches	mm	Inch	nes	Inc	hes	Inches	PER	Length	NAED	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN	Feet	PIN
3/8	12	.485 –	.505	.690 -	710	2.0	21	100	36602	800	36604
1/2	16	.620 –	.640	.820 -	840	2.5	25	100	36612	500	36614
3/4	21	.815 –	.835	1.030 -	- 1.050	3.0	39	100	36622	500	36628
1	27	1.030 -	1.055	1.290 -	- 1.315	4.0	51	100	36631	400	36638
1-1/4	35	1.370 –	1.395	1.635 -	- 1.660	4.5	66	50	36641	250	36648
1-1/2	41	1.575 –	1.600	1.865 -	- 1.900	5.5	104	50	36651	150	36654
2	53	2.020 –	2.045	2.340 -	- 2.375	7.0	136	50	36661	100	36668

NOTE: 1. Black - specification above.

- 2. Gray Change third number in NAED code to "8". Available in small cartons and small reels only.
- 3. Sizes above 2" available on special order.

TyPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type OR. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with sunlight resistant PVC outer jacket. Type OR conduit shall be used for applications where agency approvals are not required. Conduit IP 66/67 rated when installed with approved end connectors.

Type EFL

Aluminum Core Light Weight Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- · Constructed of continuously interlocked aluminum core for exceptional crush and corrosion resistance.
- Durable, sunlight resistant thermoplastic PVC jacket that resists heat, oil and chemical breakdown.

Installation

- · Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Delivers superior wiring protection where agency approvals are not required.
- Manufactured in a full range of trade sizes from 3/8" through 4".
- Smooth appearing jacket for exposed applications.
- Rated for temperature range of -4°F to +140°F (-20°C to +60°C).
- Provides liquid-tight raceway for electrical conductors.



Square-Locked Design with cord packing 3/8" through 1-1/4"



Interlocked Design 1-1/2" through 4"

www.naed.org www.nema.org www.anametelectrical.com



• RoHS WEEE COMPLIANT

Type EFL

Gray thermoplastic PVC jacket no bonding wire



Product Specifications

Ordering Information

						Approx			
						Inside	Approx		
Elect	trical					Bend	Weight		
Trade	Size	Inside D	iameter	Outside I	Diameter	Radius	lbs.	Standar	d Carton
Inches	mm	Inc	hes	Inc	hes	Inches	PER	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN
3/8	12	.485 -	505	.690 -	710	2.0	14	100	38002
1/2	16	.620 -	640	.820 -	840	2.5	16	100	38012
3/4	21	.815 -	835	1.030 -	- 1.050	3.0	19	100	38022
1	27	1.030 -	- 1.055	1.290 -	- 1.315	4.0	32	100	38031
1-1/4	35	1.370 -	- 1.395	1.635 -	- 1.660	4.5	42	50	38041
1-1/2	41	1.575 -	- 1.600	1.865 -	- 1.900	5.5	58	50	38051
2	53	2.020 -	- 2.045	2.340 -	- 2.375	7.0	78	50	38061
2-1/2	63	2.480 -	- 2.505	2.840 -	- 2.875	9.5	103	50	38071
3	78	3.070 -	- 3.100	3.460 -	- 3.500	15	123	25	38081
4	103	4.000 -	- 4.040	4.460 -	- 4.500	17	196	25	38091
NOTE: 1.	Other color	s available	e upon re	quest.					

TyPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type EFL. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked aluminum core with sunlight resistant PVC outer jacket. Type EFL conduit shall be used for applications where agency approvals are not required. Conduit IP 66/67 rated when installed with approved end connectors.

16 ANAMET Electrical, Inc. \triangle CAT-EFL-130901

Type MTC

Machine Tool Conduit Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Durable, sunlight resistant thermoplastic PVC jacket that resists heat, oil and chemical breakdown.

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Delivers superior wiring protection where agency approvals are not required.
- Manufactured in a full range of trade sizes from 3/8" through 2".
- · Smooth appearing jacket for exposed applications.
- Rated for temperature range of -4°F to +140°F (-20°C to +60°C).
- Provides liquid-tight raceway for electrical conductors.



Square-Locked Design 3/8" through 2"

www.naed.org
www.nema.org
www.anametelectrical.com



RoHS WEEE COMPLIANT

Type MTC

Black thermoplastic PVC jacket



Product Specifications

Ordering Information

						Approx					
						Inside	Approx				
Elect	rical					Bend	Weight				
Trade	Size	Inside D	iameter	Outside I	Diameter	Radius	lbs.	Standard	d Carton	Small	Reels
Inches	mm	Inc	hes	Inc	hes	Inches	PER	Length	NAED	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN	Feet	PIN
3/8	12	.485 -	505	.679 -	704	1.5	16	100	38302	800	38304
1/2	16	.620 -	640	.818 -	843	2.0	20	100	38312	500	38314
3/4	21	.815 -	835	1.009 -	- 1.034	2.5	24	100	38322	500	38328
1	27	1.030 -	- 1.055	1.228 -	- 1.258	3.0	30	100	38331	400	38338
1-1/4	35	1.370 -	- 1.395	1.565 -	- 1.595	3.5	40	50	38341	250	38348
1-1/2	41	1.570 -	- 1.595	1.830 -	- 1.860	4.0	70	50	38351	150	38354
2	53	2.010 -	- 2.035	2.270 -	- 2.300	5.0	87	50	38361	100	38368

TyPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type MTC. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with sunlight resistant PVC outer jacket. Type MTC conduit shall be used for applications where agency approvals are not required. Conduit IP 66/67 rated when installed with approved end connectors.

Stainless Steel Connectors

Stainless Steel Liquid-Tight Flexible Metal Conduit (LFMC) Connectors



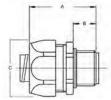
Construction

- Stainless Steel Type 304 connector, has a four piece construction consisting of a gland nut, sealing ring, high tensile grounding cone and body.
- Designed with an insulated throat to prevent wire damage during installation.
- Included sealing ring and stainless steel lock nut provides a means for connecting the fitting to boxes.
- · Excellent corrosion resistance, strength and durability.

Installation

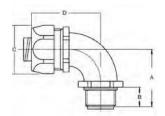
- Connector is ideal for use with standard liquid-tight conduit to allow easy installation. IP 66/67 Rated when installed with approved conduit.
- Approved for both exposed and concealed locations. Rated for temperature ranges -49°F to + 221°F (-45°C to +105°C).
- Suitable for harsh industrial, food and beverage, petrochemical, waste water, salt water and other corrosive applications
- Suitable for use in hazardous locations per NEC Articles 501 Class I Div. 2, Article 502 Class II Div. 1 & 2, Article 503 Class III Div. 1 & 2.
- Manufactured in a range of trade sizes from 3/8" through 1".
- Complies with UL Standard 514B and CSA C22.2 combined File No. E234207





Straight Connector NPT thread 3/8" through 1'





90° Connector NPT Thread 3/8" through 1"

NEC Articles

- Article 501.10 (B) (2) Class I Div. 2
- Article 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
- Article 503.10 (A) (3) and (B) Class III Div. 1 & 2

www.ul.com www.nfpa.org www.nema.org www.csa-international.org www.naed.org www.anametelectrical.com



Stainless Steel Connectors

Type 304



Product Specifications

		Produc	t Specii	ications)			Ordeni	ig miom	ialion	
	ctrical	L	1	5.			Approx Weight				
Trac	le Size	K.O. Size		Dime	nsions		lbs.	Straight 0	Connectors	90° Co	nnectors
Inches	mm	Inches		Inc	:hes		PER	Standard	AEI	Standard	AEI
			А	В	С	D	Pkg.	Package	PIN	Package	PIN
3/8	12	1/2	1.457	0.512	1.024		3.5	25	81401292		
3/8	12	1/2	1.457	0.512	1.024	1.693	2.2			10	81491292
1/2	16	1/2	1.457	0.512	1.142		4.4	25	81401692		
1/2	16	1/2	1.457	0.512	1.142	1.693	2.8			10	81491692
3/4	21	3/4	1.575	0.591	1.379		2.4	10	81402092		
3/4	21	3/4	1.693	0.591	1.379	1.890	3.5			10	81492092
1	27	1	1.811	0.591	1.772		1.5	5	81402692		
1	27	1	1.890	0.591	1.772	2.323	2.6			5	81492692

Note: 1. Other sizes available on special order

Type DE-710

Heavy-Duty UL Recognized Component Very flexible for OEM and Industrial Application



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Extra Flexible steel construction.
- Recognized Component, for use by OEM's as part of manufactured wiring systems.

Installation

- · Used in office furnishings, work stations and partitions.
- · Exceptional flexibility for tight "U" bend radius.
- Complies with UL Recognized File No. E-39679; DXUZ2.
- Size range, actual I.D. 5/16" through 3/4".
- Available in custom-cut lengths.
- +450°F maximum temperature.



Square Locked Design 5/16" through 3/4"

NEC Articles

· Article 604 Manufactured Wiring Systems

www.ul.com www.anametelectrical.com







Type DE-710

Unjacketed flexible steel conduit



Product Specifications

Ordering Information

						Approx			
						Inside	Approx		
Nom	inal					Bend	Weight		Part
Size Ir	nches	Inside D	iameter	Outside I	Diameter	Radius	lbs.	Length	Number
Inches	mm	Inc	hes	Inc	hes	Inches	PER		NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.		PIN
5/16*	8	.312 -	337	.456 -	481	1.25	11	Random	452100
3/8	9	.375 -	400	.519 -	544	1.25	12	Length	452105
7/16	11	.437 -	462	.581 -	606	1.5	13	Coils	452110
1/2	13	.500 -	525	.644 -	669	1.5	15		452115
9/16	14	.562 -	587	.708 -	731	1.5	16		452120
5/8	15	.594 -	619	.738 -	763	1.75	17		452125
3/4	18	.696 -	726	.840 -	870	2.25	20		452130

Note: 1. Longer length reels available on request - consult factory. * 5/16" size not UL recognized.

TyPICAL SPECIFICATION:

Heavy-Duty conduit very flexible for OEM and Industrial applications. Conduit shall be Anaconda Type DE-710. Conduit shall be constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance. Conduit shall be UL recognized as a part of a manufactured wiring

ANAMET Electrical, Inc. A

Type DSL

All Purpose, Extra Flexible Uncovered Conduit Light Duty/General Electrical Application



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Extra Flexible continuously interlocked steel construction.

Installation

- Installs easily with standard armored cable or flexible conduit connectors.
- · Exceptional flexibility for tight "U" bend radius.
- Designed to be used for specific applications where agency approvals are not required.
- · Special sizes available upon request.
- · Available in custom-cut lengths.
- +450°F maximum temperature.



Square Locked Design 5/16" through 3/4"

www.anametelectrical.com



RoHS WEEE COMPLIANT

Type DSL

Unjacketed flexible steel conduit



Product Specifications

Ordering Information

Nomi Size In		Description	Insi Diam	ide neter	Outs Diam		Approx Inside Bend Radius	Standard Length Coil	Approx Weight Ibs.	Part Number
Inches	mm	Number	Incl	hes	Inch	es	Inches	PER	PER	NAED
			MIN.	MAX.	MIN.	MAX.		100 FT.	100 FT.	PIN
3/16	5	DSL3	.183 -	.195	.263 -	.275	1	250	4.4	460012
1/4	6	DSL4	.245 -	.260	.335 -	.350	1	250	5.8	460022
5/16	8	DSL5	.307 -	.322	.417 -	.432	1.25	250	6.6	460032
3/8	9	DSL6	.368 -	.388	.478 -	.498	1.5	200	8.8	460042
7/16	11	DSL7	.430 -	.450	.545 -	.565	1.5	200	10.0	460052
1/2	13	DSL8	.493 -	.513	.613 -	.633	1.5	200	11.6	460057
9/16	14	DSL9	.555 -	.575	.680 -	.700	1.5	200	13.2	460067
5/8	16	DSL10	.618 -	.638	.743 -	.763	2	150	19.1	460072
3/4	19	DSL12	.740 -	.770	.865 -	.895	2	150	22.9	460077

TyPICAL SPECIFICATION:

Conduit shall be Anaconda Type DSL. Conduit shall be constructed of continuously interlocked hot dipped zinc galvanized steel and provide a race-way for wiring. Conduit shall be considered all-purpose and be used for general purpose wiring where agency approvals are not required.

Type RWS

Flexible Steel Conduit UL Listed Flexible Metal Conduit (FMC)



Construction

- Constructed of continuously interlocked, zinc-coated steel strip.
- · Flexible with high crush resistance.
- Smooth exterior and interior allow for easy pulling and wire fishing.

Installation

- · Uses standard flexible metal conduit connectors.
- · Continuous grounding contact.
- UL Listed Standard #1, File # E98045.
- Manufactured in size range from 3/8" through 4".
- · Complies with Article 348, NEC.
- Permitted to be used in exposed and concealed locations (Article 348.10); enclosed motor leads (Article 430.245(B); elevators, escalators, wheelchair lifts (Article 620.21).
- +450°F Maximum temperature.



Angle-Lock Design 3/8" through 4"

NEC Articles

- Article 250.102, 250.118(5) and 250.134(B) Equipment Grounding.
- Article 300.22 (D) Information Technology Equipment
- Article 348 Flexible Metal Conduit. (FMC)
- Article 501.30 (B) Class I Div. 2.
- Article 620.21 Elevator Wiring Methods
- Article 645.5 (E) (2) Under Raised Floors

www.ul.com www.nema.org www.naed.org www.anametelectrical.com





Type RWS

Flexible steel conduit



Product Specifications

Ordering Information

			•						
				Approx					
				Inside	Approx				
Elec	trical	Inside	Outside	Bend	Weight			_	
Trade	Size	Diameter	Diameter	Radius	lbs.	Standa	Standard Coils Standard Reel		rd Reels
Inches	mm	Inches	Inches	Inches	PER	Length	NAED	Length	NAED
		MIN. MAX.	MIN. MAX.		100 FT.	Feet	PIN	Feet	PIN
3/8	12	.375 – .393	.560 – .610	2	18	100	455503	1000	455507
1/2	16	.625 – .645	.860 – .920	3	28	100	455513	1000	455517
3/4	21	.812 – .835	1.045 - 1.105	4	33	100	455523	500	455526
1	27	1.000 - 1.040	1.300 – 1.380	5	51	50	455532	300	455533
1-1/4	35	1.250 - 1.300	1.550 - 1.630	6-1/4	63	50	455542	200	455543
1-1/2	41	1.500 – 1.575	1.850 - 1.950	7-1/2	76	25	455551	150	455553
2	53	2.000 - 2.080	2.350 - 2.450	10	100	25	455561	100	455563
2-1/2	63	2.500 -	2.860 - 3.060	12-1/2	165	25	455571		
3	78	3.000 -	3.360 - 3.560	15	197	25	455581		
3-1/2	91	3.500 -	3.860 - 4.060	17-1/2	230	25	455601		
4	103	4.000 -	4.360 - 4.560	20	263	25	455591		
		1	1						

TyPICAL SPECIFICATION:

Conduit shall be Anaconda Type RWS. Conduit shall provide flexible raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel. Conduit shall be UL listed in electrical trade sizes 3/8" thru 4".

Type RWA

Reduced Wall Flexible Aluminum
UL Listed Flexible Metal Conduit (FMC)



Construction

- · Constructed of continuously interlocked aluminum strip.
- · Flexible with high crush resistance.
- Superior corrosion resistance.
- Smooth exterior and interior allow easy pulling and wire fishing.

Installation

- · Uses standard flexible metal conduit connectors.
- Light weight, easy to cut.
- UL Listed Standard #1, File # E98045.
- · Manufactured in size range from 3/8" through 4".
- · Complies with Article 348, NEC.
- Permitted to be used in exposed and concealed locations (Article 348.10); enclosed motor leads (Article 430.245(B); elevators, escalators, wheelchair lifts (Article 620.21).
- +500°F Maximum temperature.



Angle-Lock Design 3/8" through 4"

NEC Articles

- Article 250.102, 250.118(5) and 250.134(B) Equipment Grounding.
- · Article 300.22 (D) Information Technology Equipment
- Article 348 Flexible Metal Conduit. (FMC)
- Article 501.30 (B) Class I Div. 2.
- Article 620.21 Elevator Wiring Methods
- · Article 645.5 (E) (2) Under Raised Floors

www.ul.com www.nema.org www.naed.org www.anametelectrical.com





Type RWA

Flexible aluminum conduit



Product Specifications

Ordering Information

				Approx					
				Inside	Approx				
Elect	trical			Bend	Weight				
Trade	Size	Inside Diameter	Outside Diameter	Radius	lbs.	Standa	rd Coils	Standa	rd Reels
Inches	mm	Inches	Inches	Inches	PER	Length	NAED	Length	NAED
		MIN. MAX.	MIN. MAX.		100 FT.	Feet	PIN	Feet	PIN
3/8	12	.375 – .393	.560 – .610	2	6.5	100	441503	1000	441507
1/2	16	.625 – .645	.860 – .920	3	9.5	100	441513	1000	441517
3/4	21	.812 – .835	1.045 - 1.105	4	12.5	100	441523	500	441526
1	27	1.000 - 1.040	1.300 - 1.380	5	18	50	441532	300	441533
1-1/4	35	1.250 - 1.300	1.550 - 1.630	6-1/4	22	50	441542		
1-1/2	41	1.500 – 1.575	1.850 - 1.950	7-1/2	26	25	441551		
2	53	2.000 - 2.080	2.350 - 2.450	10	35	25	441561		
2-1/2	63	2.500 -	2.860 - 3.060	12-1/2	57	25	441571		
3	78	3.000 -	3.360 - 3.560	15	68	25	441581		
3-1/2	91	3.500 -	3.860 - 4.060	17-1/2	80	25	441601		
4	103	4.000 -	4.360 - 4.560	20	91	25	441591		

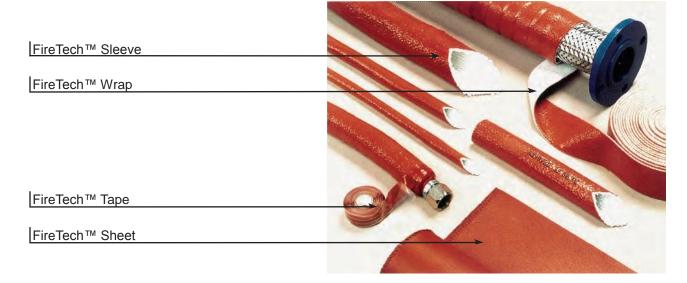
TyPICAL SPECIFICATION:

Conduit shall be Anaconda Type RWA flexible reduced wall aluminum conduit and be made of continuously interlocked aluminum strip. Conduit shall be UL listed in electrical trade sizes 3/8" thru 4".

FireTech™

High temperature Silicone coated fiberglass sleeve, tape, wrap and sheet.





When Heat is Part of the Job

FireTech™ is the perfect insulator in steel mills, glass manufacturers and other places where conduit is exposed to fire, heat and molten splash. Built from high bulk fiberglass and coated with a thick covering of iron oxide red silicone rubber, FireTech™ can take continuous exposure to temperatures of 500° F and shed molten slag as hot as 2,000° F for 15 minutes. Rugged and reliable, meets the requirements for criteria in the SAE Standard AS1055 Rev. D (Section 4.1.1 and 4.1.2) for hose assemblies utilizing a firesleeve material and it is excellent for use in zero halogen environments.

	FireTech	™ Sleeve	Wrap, Tape & Sheet	FireTech	ı™ Wrap	FireTech™ Tape	FireTech™ Sheet
Inside Diameter	PER	PER	Width	PER	PER	PER	Random Lengths
Inches	50 FT.	100 FT.	inches	50 FT.	100 FT.	36 FT.	up to 150 FT.
5/16	205161	205162	1	240011	240012	231002	
3/8	200381	200382	1 1/2			231126	
1/2	200121	200122	2	240021	240022		
3/4	200341	200342	3	240031	240032		
1	200101	200102	4	240041	240042		
1 1/4	201141	201142	5	240051	240052		
1 1/2	201121	201122	36				220036
2	200201	200202	60				220060
2 1/2	202121	202122					
3	200301	200302					
3 1/2	203121	203122					
4	200401	200402					

Type NMUA

UL Listed CSA Certified Nonconductive Conduit Liquid-Tight Flexible Non-Metallic Conduit (LFNC)



Construction

- One-piece construction of rigid, non-metallic reinforcement embedded in flexible PVC wall for exceptional crush and corrosion resistance.
- Durable, sunlight resistant and flame retardant thermoplastic PVC that resists heat, oil and chemical breakdown.



Rigid PVC Reinforced 3/8" through 2"

Installation

- Conduit used with standard connectors for non-metallic conduit Type B for easy installation. IP 66/67 Rated when installed with approved connectors.
- Approved for both exposed and concealed locations. Rated for temperature ranges of -17°F to +176°F (-27°C to +80°C).
- Complies with NEC Article 356 and UL Standard 1660 File No. E-211327; CSA C22.2 File No. 020817.
- · Easy to install and cuts easily.
- Manufactured in a full range of trade sizes from 3/8" through 2".
- Approved for direct burial and in concrete trade sizes 3/8" through 2".

NEC Articles

- Article 250.102 Equipment Bonding Jumpers
- Article 250.134 (B) Equipment Grounding
- Article 300.22 (D) Information Technology Equipment
- Article 356 Liquid-Tight Flexible Nonmetallic Conduit (LFNC-B)
- Article 501.10 (B) (2) Class I Div. 2
- Article 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
- Article 503.10 (A) (3) and (B) Class III Div. 1 & 2
- · Article 620.21 Elevator Wiring Methods
- Article 645.5 (E) (2) Under Raised Floors

www.ul.com www.nfpa.org www.nema.org www.csa-international.org www.naed.org

www.anametelectrical.com

U.L. LISTED . CSA CERTIFIED . ROHS WEEE COMPLIANT

Type NMUA

Gray thermoplastic PVC



Product Specifications

Ordering Information

						Approx	_				
						Inside	Approx				
Elec	trical					Bend	Weight				
Trade	Size	Inside D	iameter	Outside I	Diameter	Radius	lbs.	Standard	d Carton	Standa	rd Reels
Inches	mm	Incl	hes	Inc	hes	Inches	PER	Length	NAED	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN	Feet	PIN
3/8	12	.484 -	504	.690 -	710	2.0	13	100	39702	1000	39708
1/2	16	.622 -	640	.820 -	840	3.5	14	100	39712	1000	39713
3/4	21	.820 -	840	1.030 -	- 1.050	4.5	16	100	39722	700	39724
1	27	1.041 -	- 1.066	1.290 -	- 1.315	6.5	26	100	39731	500	39734
1-1/4	35	1.380 -	- 1.410	1.635 -	- 1.660	8.0	34	50	39741		
1-1/2	41	1.575 -	- 1.600	1.865 -	- 1.900	9.0	45	50	39753		
2	53	2.020 -	- 2.045	2.340 -	- 2.375	11.0	62	50	39761		

TyPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type NMUA. Conduit shall be constructed of non-metallic PVC material and shall be used for inside, outside and corrosive applications in accordance with Article 356 of the National Electric Code. Conduit shall be used in applications requiring a temperature range of -17°F to +176°F (-27°C to +80°C) for dry locations. Conduit shall be UL listed and CSA certified as Type "B" non-metallic conduit. Conduit IP 66/67 rated when installed with approved end connectors.

NMUA Connectors

Type B Liquid-Tight Flexible Non-Metallic Conduit (LFNC) Connectors



Construction

- All type nylon 66 construction with "O" ring and steel lock nut included.
- Reusable and durable connectors are flame retardant and resist salt water, weak acids, gasoline, alcohol, oil grease, and common solvents.

Installation

- Connectors used with standard non-metallic Type B conduit for easy installation.
- Approved for both exposed and concealed locations. Rated for temperature ranges of -40°F to +212°F (-40°C to +100°C).
- Easy to install, by pushing the non-metallic conduit onto the smooth ferrule and tightening the sealing nut.
- Manufactured in a full range of trade sizes from 3/8" through 2".
- Complies with NEC Article 356 and UL Standard 514B File No. E-322120.
- Straight connectors approved for direct burial and in concrete trade sizes 3/8" through 2".







Straight Connector NPT 3/8 Through 2"

NEC Articles

- Article 250.102 Equipment Bonding Jumpers
- Article 250.134 (B) Equipment Grounding
- Article 356 Liquid-Tight Flexible Nonmetallic Conduit (LFNC-B)
- Article 501.10 (B) (2) Class I Div. 2
- Article 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
- Article 503.10 (A) (3) and (B) Class III Div. 1 & 2
- Article 620.21 Elevator Wiring Methods
- Article 645.5 (E) (2) Under Raised Floors

www.ul.com www.nfpa.org www.nema.org www.csa-international.org www.naed.org www.anametelectrical.com



NMUA Connectors

Gray nylon 66

Product Specifications

Ordering Information

						Approx				
Electr	rical					Weight				
Trade	Size	K.O. Size	[Dimensions	3	lbs.	Straight C	onnectors	90° Cor	nectors
Inches	mm	Inches		Inches		PER	Standard	AEI	Standard	AEI
			Α	В	С	Pkg.	Package	PIN	Package	PIN
3/8	12	1/2	1.545	0.535	1.400	1.25	25	500001		
3/8	12	1/2	2.242	0.562	3.120	0.5			10	500008
1/2	16	1/2	1.545	0.535	1.400	1.25	25	500002		
1/2	16	1/2	2.242	0.562	3.120	0.5			10	500009
3/4	21	3/4	1.600	0.550	1.700	0.7	10	500003		
3/4	21	3/4	2.550	0.545	3.600	1			10	500010
1	27	1	1.975	0.670	2.000	0.7	5	500004		
1	27	1	3.150	0.630	4.125	0.8			5	500011
1-1/4	35	1-1/4	2.293	0.645	2.400	1	5	500005		
1-1/4	35	1-1/4	3.420	0.645	5.200	1.4			2	500012
1-1/2	41	1-1/2	2.175	0.660	2.670	0.6	5	500006		
1-1/2	41	1-1/2	4.510	0.660	5.200	0.8			2	500013
2	53	2	2.400	0.670	3.280	0.8	2	500007		
2	53	2	4.850	0.670	5.800	1			1	500014

CAT-NMUAC-130901

ANAMET Electrical, Inc. 🛆

<u>25</u>

Type CNP

UL Listed, CSA Certified Nonconductive Conduit Liquid-Tight Flexible Non-Metallic Conduit (LFNC)



Construction

- Constructed of smooth inner thermoplastic PVC core with outer PVC cover bonded together with nylon reinforcing braid.
- Durable, sunlight resistant and flame retardant thermoplastic PVC that resists heat, oil and chemical breakdown.

Installation

- Conduit used with standard connectors for non-metallic conduit Type A for easy installation. IP 66/67 Rated when installed with approved connectors.
- Approved for both exposed and concealed locations. Rated for temperature ranges of -4°F to +140°F (-20°C to +60°C).
- Complies with UL Standard 1660 Type A conduit File No. E-75863; CSA C22.2 File No. LL15257; and NEC Article 356.
- · Easy to install and cuts easily.
- Manufactured in a full range of trade sizes from 3/8" through 2".
- Flexible, but tough; crush, abrasion and strain resistant.
 Where abrasion, physical abuse or constant flexing are a factor.



Nylon Reinforced 3/8" through 2"

NEC Articles

- Article 250.102 Equipment Bonding Jumpers
- Article 250.134 (B) Equipment Grounding
- Article 300.22 (D) Information Technology Equipment
- Article 356 Liquid-Tight Flexible Nonmetallic Conduit (LFNC-A)
- Article 501.10 (B) (2) Class I Div. 2
- Article 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
- Article 503.10 (A) (3) and (B) Class III Div. 1 & 2
- · Article 620.21 Elevator Wiring Methods
- Article 645.5 (E) (2) Under Raised Floors

www.ul.com www.nfpa.org www.nema.org www.csa-international.org www.naed.org www.anametelectrical.com





Type CNP

Orange or Gray thermoplastic PVC



Product Specifications

Ordering Information

				Approx Inside	Approx						
Elect	rical			Bend	Weight						
Trade	Size	Inside Diameter	Outside Diameter	Radius	lbs.	Small	Carton	Standar	d Carton	Re	els
Inches	mm	Inches	Inches	Inches	PER	Length	NAED	Length	NAED	Length	NAED
		MIN. MAX.	MIN. MAX.		100 FT.	Feet	PIN	Feet	PIN	Feet	PIN
3/8	12	. 485 – .505	. 755 – .775	2.5	15	100	38602	250	38601	800	38604
1/2	16	.620640	.910 – .930	3.0	21	100	38612	200	38611	500	38614
3/4	21	.815 – .835	1.150 - 1.170	4.0	30	100	38622	175	38621	400	38624
1	27	1.030 - 1.055	1.415 – 1.440	6.0	43			100	38631	300	38634
1-1/4	35	1.370 - 1.395	1.800 - 1.825	7.0	58			50	38641	200	38643
1-1/2	41	1.585 - 1.620	2.045 - 2.080	8.0	81			50	38651	100	38653
2	53	2.045 - 2.080	2.605 - 2.640	9.0	122			50	38661	100	38663

Note: 1. Colors available on request.

2. Gray, change 3rd number in NAED code to "8"

TyPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type CNP. Conduit shall be constructed of smooth inner thermoplastic PVC core with outer oil-resistant and sunlight resistant PVC outer cover. Conduit shall have nylon reinforcing layer between the core and outer cover. Conduit shall be assembled with approved fittings to provide liquid-tight raceway for wiring. Conduit shall be UL listed and CSA certified as a **Type "A"** non-metallic conduit and be used in applications requiring a temperature range of -4°F to +140°F (-20°C to +60°C). Conduit IP 66/67 rated when installed with approved end connectors.

SHIELDTITE®

EMI/EMP for High Level Shielding Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked high shielding bronze core for exceptional shielding effectiveness.
- Durable, abrasion resistant, flame retardant and sunlight resistant smooth thermoplastic PVC jacket that resists oil, heat and chemical breakdown.

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- · Meets Mil-STD-1310D for EMI and EMP shielding.
- Smooth interior surface protects sensitive conductors from harm.
- Provides shielding effectiveness of 81 119 Db at 1 Megahertz to 1 Gigahertz.
- Rated for temperature range from -51°F to + 221°F (-46°C to +105°C).
- Manufactured in a full range of sizes from 3/8" through 4".
- Available in custom-cut lengths.



Interlocked Design 3/8" through 4"

www.anametelectrical.com



RoHS WEEE COMPLIANT

SHIELDTITE®

Gray thermoplastic PVC jacket



Product Specifications

Ordering Information

						Approx			
						Inside	Approx	≽	
Elec	trical					Bend	Weight	AVAI	
Trade	Size	Inside D	iameter	Outside I	Diameter	Radius	lbs.	Ę	Part Number
Inches	mm	Inc	hes	Inc	hes	Inches	PER	LABL	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.		PIN
3/8	12	.485 -	505	.690 -	710	3.0	24	m Z	450200-0240
1/2	16	.622 -	642	.820 -	840	3.0	28		450202-0140
3/4	21	.815 -	835	1.030 -	- 1.050	4.0	42	<u>~</u>	450204-0240
1	27	1.041 -	- 1.066	1.290 -	- 1.315	4.0	56	RAND	450206-0340
1-1/4	35	1.370 -	- 1.395	1.630 -	- 1.660	4.5	75	N N	450208-0140
1-1/2	41	1.575 -	- 1.600	1.865 -	- 1.900	7.0	96	_	450210-0140
2	53	2.020 -	- 2.045	2.340 -	- 2.375	9.5	125	E	450212-0140
2-1/2	63	2.480 -	- 2.505	2.840 -	- 2.875	12	165	GT	450214-0140
3	78	3.070 -	- 3.100	3.460 -	- 3.500	13.5	211	IGTHS	450216-0140
4	103	4.000 -	- 4.040	4.460 -	- 4.500	17	298	, , , , , , , , , , , , , , , , , , ,	450220-0140

TyPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type SHIELDTITE®. Conduit shall have smooth cover and be constructed with bronze core of high level shielding. Conduit shall meet Mil-STD-1310D for EMI and EMP shielding effectiveness of 81 – 119 Db at 1 Megahertz to 1 Gigahertz. Conduit shall be suitable for use within an operating temperature range of -51°F to +221°F (-46°C to 105°C).

Type FG

NSF Certified Component Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Flexible thermoplastic PVC jacket formulated for food and beverage applications per FDA CFR 21 and NSF 51 requirements.
- Jacket is easily cleaned and does not promote bacteria growth

Installation

- NSF Certified to NSF/ANSI 169 for special purpose food equipment or devices.
- Delivers superior wiring protection where incidental food contact is possible.
- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Suitable for use in restaurants, food processing facilities, poultry packing facilities, meat packing facilities, wash down areas, waste water teatment, pharaceutical applications and on special purpose food equiptment or devices.
- Manufactured in a full range of trade sizes from 3/8" through 2".
- Rated for temperature range of -4°F to +140°F (-20°C to +60°C).



Square-Locked Design with integral bonding wire 3/8" through 1-1/4"



Interlocked Design 1-1/2" through 4" with no bonding wire

Places Of Interest

- Food Equiptment or Devices NSF/ANSI 169
- Food Equipment Manufacturers SIC 3556
- Meat Packing SIC 2011 NAICS 311613
- Poultry SIC 2015 NAICS 311615
- Pharmaceuticals SIC 2834 NAICS 325412

www.fda.gov www.nsf.org www.naed.org www.nema.org www.anametelectrical.com



NSF Component

• FDA Approved Compound • RoHS WEEE COMPLIANT



Type FG

White Thermoplastic PVC jacket no bonding wire



Product Specifications

Ordering Information

						Approx			
						Inside	Approx		
Elec	ctrical					Bend	Weight		
Trad	e Size	Inside D	Diameter	Outside	Diameter	Radius	lbs.	Small	Carton
Inches	mm	Inc	hes	Inc	hes	Inches	PER	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN
3/8	12	.484 -	504	.690 -	710	2.0	21	100	35502
1/2	16	.622 -	642	.822 -	840	2.5	25	100	35512
3/4	21	.820 -	840	1.030 -	- 1.050	3.0	39	100	35522
1	27	1.041 -	- 1.066	1.290 -	- 1.315	4.0	51	100	35531
1-1/4	35	1.380 -	- 1.410	1.630 -	- 1.660	4.5	66	50	35541
1-1/2	41	1.575 -	- 1.600	1.865 – 1.900		5.5	104	50	35551
2	53	2.020 -	- 2.045	2.340 -	- 2.375	7.0	136	50	35561

Note: 1. Above 2" Available on special order.

2. Other colors available on request.

Typical Specification

Conduit shall be Anaconda SEALTITE® Type FG. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with PVC outer jacket. Type FG conduit shall be used for applications where incidental food contact is possible. Conduit IP 66/67 rated when installed with approved end connectorsnd connectors.

ANAMET Electrical, Inc. \triangle CAT-FG-130901 29

Type NWC

Nuclear Wiring Conduit Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Durable, abrasion-resistant, smooth, chlorinated polyethylene jacket that resists heat, oil and chemical breakdown.

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- · Suitable for use within nuclear containment areas.
- Flexible metal core meets "Construction" requirements of UL Std. 360 sizes 3/8" through 4".
- Radiation resistant jacket meets IEEE 323-1974 and IEEE 383-1974 guidelines.
- Rated for temperature range of -40°F to + 192°F (-40°C to +89°C).
- Manufactured in a full range of sizes from 3/8" through 4".



Square-Locked Design with integral bonding wire 3/8" through 1-1/4"



Interlocked Design 1-1/2" through 4" with no bonding wire

Listing

NUCLEAR PROCURMENT ISSUES COMMITTEE (NUPIC) NUPIC number 2651

> www.nupic.com www.anametelectrical.com



Type NWC

Black chlorinated polyethylene jacket with bonding wire through 1-1/4"



Product Specifications

Ordering Information

				Approx Inside	Annrov				
Elect	trical					Bend	Approx Weight		
Trade		Inside D	iomotor	Outoido I	Diameter		U	04-	
	Size					Radius	lbs.		ndard Carton
Inches	mm	Inc	hes	Inc	hes	Inches	PER	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN
3/8	12	.484 -	504	.690 -	710	8.0	25	100	433999-0143
1/2	16	.622 -	642	.820 -	840	9.0	29	100	434009-0143
3/4	21	.820 -	840	1.030 -	- 1.050	13	44	100	434019-0143
1	27	1.041 -	- 1.066	1.290 -	- 1.315	15	73	100	434029-0143
1-1/4	35	1.380 -	- 1.410	1.630 -	- 1.660	18	100	50	434039-0143
1-1/2	41	1.575 -	- 1.600	1.865 -	- 1.900	20	112	50	434049-0143
2	53	2.020 -	- 2.045	2.340 -	- 2.375	22	148	50	434059-0143
2-1/2	63	2.480 -	- 2.505	2.840 -	- 2.875	24	182	25	434069-0143
3	78	3.070 -	- 3.100	3.460 -	- 3.500	30	255	25	434079-0143
4	103	4.000 -	- 4.040	4.460 -	- 4.500	36	362	25	434089-0143

TyPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type NWC. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with an integral bonding wire in sizes 3/8" through 1-1/4". Jacket shall be black in color and be radiation-resistant. The outside of the jacket shall have a smooth appearance, Jacket material shall meet guidelines defined in IEEE 323-1974 and IEEE 383-1974.

Type SL

Square Lock Stainless Steel Stripwound Hose



Construction

- · Constructed of continuously interlocked Type 302 stainless steel core for exceptional crush and corrosion
- Extruded PVC, Silicone, Teflon, and Thermoplastic Rubber jackets available upon request.
- · Available in brass, galvanized steel and aluminum.

Applications

- · Fiber Optics
- Instrumentation
- Sensors
- Recording Instruments
- Temperature Measuring Devices





www.nema.org www.naed.org www.anametelectrical.com

• RoHS WEEE COMPLIANT

Type SL Stainless Steel Stripwound Hose



Product Specifications

Ordering Information

						Approx			
						Inside	Approx		
						Bend	Weight		
Nomin	al Size	Inside D	iameter	Outside	Diameter	Radius	lbs.	Sta	ndard Reel
Inches	mm	Inc	hes	Inc	hes	Inches	PER	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN
1/8	3	.125	137	.195	207	1	2.3	1000	460610-0070
5/32	4	.152	164	.232	244	1	3.4	1000	460613-0070
3/16	5	.183	195	.263	275	1	3.7	1000	460615-0074
7/32	5.6	.206	221	.291	306	1	4.1	1000	460619-0070
1/4	6.3	.245	260	.330	345	1-1/4	4.8	800	460622-0074
9/32	7	.276	291	.361	376	1-1/4	5.4	600	460625-0070
5/16	8	.302	317	.412	427	1-1/4	6.7	500	460628-0070
3/8	9	.363	383	.473	493	1-1/2	7.9	275	460634-0074
1/2	13	.483503		.603623		1-1/2	10.8	250	460643-0070
5/8	15	.605	625	.735	755	2	12.2	250	460652-0070

NOTE: 1. Other sizes available on special order. 2. Available in brass, galvanized steel and aluminum.

Type UI

Capillary Armor Stainless Steel Stripwound Hose



Construction

- Constructed of continuously interlocked Type 302 stainless steel core for exceptional crush and corrosion resistance.
- Product will not spring open or unwind.
- Extruded PVC, Silicone, Teflon, and Thermoplastic Rubber jackets available upon request.
- Available in brass, galvanized steel and aluminum.

Applications

- · For applications with a max temperature of 1800°F
- Casings
- Armor
- Protection for wiring and capillary tubing
- Control cables
- Bar Dispenser casing



Interlocked Construction



www.naed.org www.nema.org www.anametelectrical.com



RoHS WEEE COMPLIANT

Type UI

Stainless Steel Stripwound Hose



Product Specifications

Ordering Information

						Approx Inside Bend	Approx Weight		
Nomin	al Size	Inside D	iameter	Outside Diameter		Radius	lbs.	Sta	ndard Reel
Inches	mm	Incl	nes	Inches		Inches	PER	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN
5/32	4	.160-	.175	.255-	.270	1-1/2	4.2	1000	451550-0070
3/16	5	.180-	.195	.275-	.290	1-1/2	4.9	1000	451554-0070
7/32	5.5	.215-	.230	.310-	.325	1-1/2	6.6	1500	451560-0070
1/4	6	.245-	.260	.340-	.355	1-1/2	7.3	800	451564-0070
5/16	8	.310-	.325	.405-	.420	1-1/2	8.9	500	451568-0070
3/8	9.5	.370-	.390	.485-	.505	2	12	500	451572-0070
7/16	11	.432452		.547-	.567	2-1/2	14.7	500	451574-0070
1/2	12.7	.495-	.515	.610-	.630	2-1/2	16.5	500	451576-0070

NOTE: 1. Other sizes available on special order. 2. Available in brass, galvanized steel and aluminum.

Packaging, Cutting Instructions Custom Cut Lengths





Standard and Small Cartons

Standard coils of Anaconda SEALTITE® are packaged in handy, strong, corrugated cartons. These cartons keep stock clean and are easy to handle, stack and identify. Size, type, color and footage are prominently displayed on the side of each carton. A handy cutting instruction card is included in each carton.

Smaller coils of Anaconda SEALTITE® types EF, EFST and UA are also packaged in corrugated cartons with the same features as the standard coil cartons mentioned above. Smaller coils provide the same convenience as standard coils—the shorter length allow for more economical purchasing on the smaller jobs.



Non-returnable Standard and Small Wooden Reels

Anaconda SEALTITE® is available on nonreturnable wooden reels at no extra cost. Continuous lengths on reels eliminates scrap and special handling.

For those who like the convenience of reels, but do not require the longer footages on the standard reels, Anamet offers smaller reels with less continuous footage on types EF, EFST, CW, UA and ZHUA conduit.

Electrical			Core	Center
Trade Size	Flange	Traverse*	Diameter	Hole
(Inches)	(Inches)	(Inches)	(Inches)	(Inches)
Standard	Reel	Dimensions		
3/8 and 1/2	30	18	10	1-1/2
3/4	36	26	20	1-1/2
1 and 1-1/4	30	22	14-1/2	1-1/2
Small	Reel	Dimensions		
3/8, 1/2, 3/4 1-1/2 & 2	30	17	14-1/2	1-1/2

*Measurement Between Flanges

Large Reels Available on Special Request

Hand Cutting SEALTITE® with Metallic Core

Importance of clean, square cut:

- · Easier connector attachment.
- Conduit makes full contact with base of liquid-tight connector.
- · Gives greater holding power to connector.
- Assures a liquid-tight assembly throughout.

Non-metallic SEALTITE®

- Square, clean cuts are important for effective assembly with electrical connectors. Conduit is marked at 12" intervals for easy measuring.
- Type CNP conduit can be cut most easily with a sharpened "parrot nosed" electrical cable slicer.
- Good clean cuts can also be made with a sharp shoe knife. A little liquid detergent used to "wet" the knife blade will reduce frictional drag appreciably.
- Cutting the non-metallic conduit with a saw is not recommended.

Production Cutting SEALTITE® Using a Band Saw

When cutting Anaconda SEALTITE® with a band saw, the recommended blade specifications are: 1/2" wide x .025" thick, having 24 teeth per inch, no set. Blade speed should be approximately 350 ft. per minute. Band Saw cutting is recommended when extensive cutting Is required. Do NOT use abrasive wheel.

Custom Cut Lengths

- Size range 1/8" to 2"
- Bare hose (DE-710, DSL RWA, RWS, SL, UI)
- Covered hose (SEALTITE®)
- · Lengths up to 12 feet

Quotations available upon request.

ANAMET Electrical, Inc. 🛆 CAT-PKC-130901 33

Chemical Resistance Chart



The listed chemicals have been tested with results noted below. It is recommended that samples of conduit should be tested under actual conditions wherever possible, since results may differ from test conditions.

1- ExcellentContinuous Service

2- Good Intermittent Service **3- Fair**Limited Service Life

4- PoorDo not use

Chemical	Continuous Convide		mom	ittorit O	CIVIOC
Acetate Solvents 4 Acetic Acid 10 2 2 Acetic Acid (Glacial) 4 3 Acetone 2 4 4 Acrylonitrile 1 1 Alcohols (Aliphatic) 3 3 Aluminum Chloride 10 2 2 1 Aluminum Sulfate (Alums) 2 1 1 Ammonia (Anhydrous Liquids) 4 4 4 Ammonium Chloride 10 2 2 1 Ammonium Chloride 10 2 2 1 Ammonium Chloride 10 2 2 1 Ammonium Chloride 2 1 1 Ammonium Chloride 4 4 4 Aniline Oils 4 4 4 Aromatic Hydrocarbons 4 4 4 Asphalt 4 4 4 4 AsTM Fuel A 2 3 3 AsTM Fuel B 4 <td></td> <td colspan="4">Jacket Material</td>		Jacket Material			
Acetic Acid 10	Chemical	%	TPR	TPU	PVC
Acetic Acid 10					
Acetic Acid (Glacial)	Acetate Solvents				4
Acetone 2 4 4 Acrylonitrile 1 1 Alcohols (Aliphatic) 3 3 Aluminum Chloride 10 2 2 1 Aluminum Sulfate (Alums) 2 1 1 Ammonia (Anhydrous Liquids) 4 4 4 Ammonia (Aqueous) 1 1 1 Ammonia (Aqueous) 1 1 1 Ammonia (Aqueous) 1 1 4 4 Ammonia (Aqueous) 1 1 2 1 1 Ammonia (Anhydrous Liquids) 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Acetic Acid	10		2	2
Acrylonitrile	Acetic Acid (Glacial)		4		3
Alcohols (Aliphatic) 3 Aluminum Chloride 10 2 2 1 Aluminum Sulfate (Alums) 2 1 1 Ammonia (Anhydrous Liquids) 4 4 Ammonia (Aqueous) 1 1 Ammonium Chloride 10 2 2 1 Ammonium Hydroxide 2 1 4 4 Amyl Acetate 4 4 4 4 Aniline Oils 4 4 4 4 Aromatic Hydrocarbons 4 4 4 4 Aromatic Hydrocarbons 4 4 4 4 Aromatic Hydrocarbons 4 4 4 4 Asphalt 4 4 4 4 4 Asphalt 4 4 2 3 3 3 3 3 3 3 3 4 2 2 3 3 3 3 3 3 3 3 4	Acetone		2	4	4
Alcohols (Aliphatic) 3 Aluminum Chloride 10 2 2 1 Aluminum Sulfate (Alums) 2 1 1 Ammonia (Anhydrous Liquids) 4 4 Ammonia (Aqueous) 1 1 Ammonium Chloride 10 2 2 1 Ammonium Hydroxide 2 1 4 4 Amyl Acetate 4 4 4 4 Aniline Oils 4 4 4 4 Aromatic Hydrocarbons 4 4 4 4 Aromatic Hydrocarbons 4 4 4 4 Aromatic Hydrocarbons 4 4 4 4 Asphalt 4 4 4 4 4 Asphalt 4 4 2 3 3 3 3 3 3 3 3 4 2 2 3 3 3 3 3 3 3 3 4	Acrylonitrile				1
Aluminum Chloride 10 2 2 1 Aluminum Sulfate (Alums) 2 1 1 Ammonia (Anhydrous Liquids) 4 4 Ammonia (Aqueous) 1 1 Ammonium Chloride 10 2 2 1 Ammonium Chloride 10 2 2 1 Ammonium Chloride 2 1 4 4 Ammonium Chloride 2 1 4 4 4 Ammonium Chloride 2 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 2 2 3 3 3 3 1 3 3 3 <					
Aluminum Chloride 10 2 2 1 Aluminum Sulfate (Alums) 2 1 1 Ammonia (Anhydrous Liquids) 4 4 Ammonia (Aqueous) 1 1 Ammonium Chloride 10 2 2 1 Ammonium Chloride 10 2 2 1 Ammonium Chloride 2 1 4 4 Ammonium Chloride 2 1 4 4 4 Ammonium Chloride 2 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 2 2 3 3 3 3 1 3 3 3 <	Alcohols (Aliphatic)				3
Aluminum Sulfate (Alums) 2 1 Ammonia (Anhydrous Liquids) 4 Ammonia (Aqueous) 1 Ammonia (Aqueous) 1 Ammonium Chloride 10 2 2 1 Ammonium Chloride 10 2 2 1 Ammonium Hydroxide 2 1 4 4 Ammonium Chloride 2 1 4 4 4 Ammonium Chloride 2 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 2 3 3 3 3 3 3 1 3 3 1 <		10	2	2	
Ammonia (Anhydrous Liquids) 4 Ammonia (Aqueous) 1 Ammonia (Aqueous) 1 Ammonium (Aqueous) 1 Ammonium (Chloride) 10 2 2 1 Ammonium (Chloride) 2 1 4 4 4 Amyl Acetate 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 2 3 8 8 4 2 4 4 2 3 8 8 1 1 2	•		+		1
Ammonia (Aqueous) 1 Ammonium Chloride 10 2 2 1 Ammonium Hydroxide 2 1 4 4 4 Ammonium Hydroxide 2 1 4 4 4 4 4 4 Anliline Oils 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4					
Ammonium Chloride 10 2 2 1 Ammonium Chloride 10 2 2 1 Ammonium Hydroxide 2 1 4 4 Amyl Acetate 4 4 4 4 Aniline Oils 4 4 4 4 Aromatic Hydrocarbons 4 4 4 4 Asphalt 4 4 4 4 4 ASTM Fuel A 2 3 3 ASTM Fuel B 4 2 4 4 2 4 ASTM Fuel B 4 2 4 2 2 3 Barium Fuel B 4 2 3 3 Barium Fuel B 4 2 3 3 Barium Fuel A 2 3 3 Barium Fuel A 2 3 3 Barium Fuel A 2 3 3 3 4 2 3 3 3 4 4 4 4 4 4 4					
Ammonium Chloride 10 2 2 1 Ammonium Hydroxide 2 1 Amyl Acetate 4 4 4 Aniline Oils 4 4 4 Arilline Oils 4 4 4 Arilline Oils 4 4 4 Asphalt 4 4 4 4 Asphalt 4 4 4 4 4 ASTM Fuel A 2 3 3 3 4 2 4 4 4 4 4 4 4 4 4 4 2 2 3 3 3 3 3 3 3 3 3 3 3 3 4 2 2 3 3 3 3 4 2 2 3 3 3 3 4 4 2 2 3 3 3 4 4 2 3 3 3 4<	7 trimonia (7 tquodus)				<u>'</u>
Ammonium Chloride 10 2 2 1 Ammonium Hydroxide 2 1 Amyl Acetate 4 4 4 Aniline Oils 4 4 4 Arilline Oils 4 4 4 Arilline Oils 4 4 4 Asphalt 4 4 4 4 Asphalt 4 4 4 4 4 ASTM Fuel A 2 3 3 3 4 2 4 4 4 4 4 4 4 4 4 4 2 2 3 3 3 3 3 3 3 3 3 3 3 3 4 2 2 3 3 3 3 4 2 2 3 3 3 3 4 4 2 2 3 3 3 4 4 2 3 3 3 4<	Ammoniated Latex				1
Ammonium Hydroxide 2 1 Amyl Acetate 4 4 4 Aniline Oils 4 4 4 Aromatic Hydrocarbons 4 4 4 Asphalt 4 4 4 Asphalt 4 4 4 ASTM Fuel A 2 3 3 ASTM Fuel B 4 2 4 ASTM #1 Oil 4 2 2 ASTM #3 Oil 4 2 3 Barium Chloride 1 1 1 Barium Sulfide 1 1 1 Barium Hydroxide 1 1 4 4 Benzine (Petroleum Ether) 4 3 3 Black Liquor 1 1 1 Boric Acid 2 1 1 Boric Acid 2 1 1 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 <		10	2	2	
Amyl Acetate 4 4 4 Aniline Oils 4 4 4 Aromatic Hydrocarbons 4 4 4 Asphalt 4 4 4 4 AsTM Fuel A 2 3 3 ASTM Fuel B 4 2 4 ASTM Fuel B 4 2 4 2 2 ASTM Fuel B 4 2 4 4 2 2 ASTM #1 Oil 4 2 2 3 3 3 3 3 4 2 4 4 2 3 3 3 4 2 2 3 3 3 4 2 2 3 3 3 4 2 2 3 3 3 4 4 2 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		10			
Aniline Oils 4 4 Aromatic Hydrocarbons 4 4 Asphalt 4 4 4 ASTM Fuel A 2 3 ASTM Fuel B 4 2 4 ASTM # 1 Oil 4 2 2 ASTM # 3 Oil 4 2 3 Barium Chloride 1 1 Barium Sulfide 1 1 Barium Hydroxide 1 1 Benzene (Benzol) 4 4 4 Benzine (Petroleum Ether) 4 3 3 Black Liquor 1 1 3 3 Boric Acid 2 1 1 4 4 4 Butyl Alcohol 2 4 4 4 4 4 4 4 4 4 4 4 4 4 2 2 4 2 2 4 2 2 4 4 4 4 4 4		+	 		
Aromatic Hydrocarbons 4 Asphalt 4 ASTM Fuel A 2 ASTM Fuel B 4 ASTM # 1 Oil 4 ASTM # 3 Oil 4 Barium Chloride 1 Barium Sulfide 1 Barium Hydroxide 1 Benzene (Benzol) 4 4 Benzine (Petroleum Ether) 4 3 Black Liquor 1 1 Boric Acid 2 1 Boric Acid 2 1 Butyl Alcohol 2 4 Calcium Hydroxide 1 1 Calcium Hydroxide 1 1 Carbon Dioxide 2 1 Carbon Dioxide 2 1 Carbon Tetrachloride 4 4 Carbon Tetrachloride 4 4 Carboric Acid 1 1 Casein 1 2 4 Carboric Gas (wet) 2 4 Chlorine Gas (dry)			4		
Asphalt 4 4 4 ASTM Fuel B 4 2 4 ASTM # 1 Oil 4 2 2 ASTM # 3 Oil 4 2 3 Barium Chloride 1 1 Barium Sulfide 1 1 Barium Hydroxide 1 1 Benzene (Benzol) 4 4 4 Benzine (Petroleum Ether) 4 3 Black Liquor 1 1 Boric Acid 2 1 Boric Acid 2 1 Butyl Acetate 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 Calcium Hydroxide 1 1 1 Carbonic Acid (Phenol) 4 2 1 Carbon Dioxide 2 1 1 Carbon Dioxide 4 4 4 Carbon Tetrachloride 4 4 4 Casein 1 1 1 Casein 1 1	Aniline Oils	-		4	4
Asphalt 4 4 4 ASTM Fuel B 4 2 4 ASTM # 1 Oil 4 2 2 ASTM # 3 Oil 4 2 3 Barium Chloride 1 1 Barium Sulfide 1 1 Barium Hydroxide 1 1 Benzene (Benzol) 4 4 4 Benzine (Petroleum Ether) 4 3 Black Liquor 1 1 Boric Acid 2 1 Boric Acid 2 1 Butyl Acetate 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 Calcium Hydroxide 1 1 1 Carbonic Acid (Phenol) 4 2 1 Carbon Dioxide 2 1 1 Carbon Dioxide 4 4 4 Carbon Tetrachloride 4 4 4 Casein 1 1 1 Casein 1 1	A	-			
ASTM Fuel A 2 3 ASTM Fuel B 4 2 4 ASTM # 1 Oil 4 2 2 ASTM # 3 Oil 4 2 3 Barium Chloride 1 1 Barium Sulfide 1 1 Barium Hydroxide 1 1 Benzene (Benzol) 4 4 4 Benzine (Petroleum Ether) 1 2 1 Butyl Acetate 4					
ASTM Fuel B 4 2 4 ASTM # 1 Oil 4 2 2 ASTM # 3 Oil 4 2 3 Barium Chloride 1 1 Barium Sulfide 1 1 Barium Hydroxide 1 1 Benzene (Benzol) 4 4 4 Benzine (Petroleum Ether) 4 3 3 Black Liquor 1 1 1 Boric Acid 2 1 1 Boric Acid 2 1 1 Butyl Acetate 4 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 2 Calcium Hydroxide 1 1 2 Carbon Dioxide 2 1 1 Carbon Dioxide 2 1 1 Carbon Disulfide 4 4 4 Carbonic Acid 1 1 1 Casein			4		
ASTM # 1 Oil				2	
ASTM # 3 Oil			4	2	4
Barium Chloride 1 Barium Sulfide 1 Barium Hydroxide 1 Benzene (Benzol) 4 4 Benzine (Petroleum Ether) 4 3 Black Liquor 1 1 Bordeaux Mixture 1 1 Boric Acid 2 1 Butyl Acetate 4 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 Carbonic Acid (Phenol) 4 2 1 Carbon Dioxide 2 1 1 Carbon Disulfide 4 4 4 Carbonic Acid 1 4 4 Carbonic Acid 1 1 1 Casein 1 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine (water solution) 3 2 4 4 Chlorobenzene 4 4 4 4 4	ASTM # 1 Oil		4	2	2
Barium Chloride 1 Barium Sulfide 1 Barium Hydroxide 1 Benzene (Benzol) 4 4 Benzine (Petroleum Ether) 4 3 Black Liquor 1 1 Bordeaux Mixture 1 1 Boric Acid 2 1 Butyl Acetate 4 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 Carbonic Acid (Phenol) 4 2 1 Carbon Dioxide 2 1 1 Carbon Disulfide 4 4 4 Carbonic Acid 1 4 4 Carbonic Acid 1 1 1 Casein 1 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine (water solution) 3 2 4 4 Chlorobenzene 4 4 4 4 4					
Barium Sulfide 1 Barium Hydroxide 1 Benzene (Benzol) 4 4 Benzine (Petroleum Ether) 4 3 Black Liquor 1 1 Boric Acid 2 1 Boric Acid 2 1 Butyl Acetate 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 Carbonlic Acid (Phenol) 4 2 1 Carbon Dioxide 2 1 1 Carbon Disulfide 4 4 4 Carbon Tetrachloride 4 4 4 Casein 1 1 1 Caustic Soda 10 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine (water solution) 3 2 4 4	ASTM # 3 Oil		4	2	3
Barium Hydroxide 1 Benzene (Benzol) 4 4 4 Benzine (Petroleum Ether) 4 3 Black Liquor 1 1 Bordeaux Mixture 1 1 Boric Acid 2 1 Butyl Acetate 4 4 4 Butyl Acetate 4 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 Carbonic Acid (Phenol) 4 2 1 Carbon Dioxide 2 1 1 Carbon Disulfide 4 4 4 Carbonic Acid 1 1 2 Casein 1 1 1 Caustic Soda 10 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine (water solution) 3 2 4 4	Barium Chloride				1
Benzene (Benzol) 4 4 4 Benzine (Petroleum Ether) 4 3 Black Liquor 1 1 Bordeaux Mixture 1 1 Boric Acid 2 1 Butyl Acetate 4 4 4 Butyl Acetate 4 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 Carbolic Acid (Phenol) 4 2 2 Carbon Dioxide 2 1 1 Carbon Disulfide 4 4 4 Carbon Tetrachloride 4 4 4 Carbonic Acid 1 1 1 Casein 1 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine (water solution) 3 2 4 4	Barium Sulfide				1
Benzine (Petroleum Ether) 4 3 Black Liquor 1 1 Bordeaux Mixture 1 1 Boric Acid 2 1 Butyl Acetate 4 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 Carloum Hypochlorite 1 2 1 Carbon Dioxide 2 1 1 Carbon Dioxide 2 1 1 Carbon Disulfide 4 4 4 Carbon Tetrachloride 4 4 4 Carbonic Acid 1 1 1 Casein 1 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine (water solution) 3 2 4 4	Barium Hydroxide				1
Black Liquor 1 Bordeaux Mixture 1 Boric Acid 2 1 Butyl Acetate 4 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 Carloum Hypochlorite 1 1 2 1 Carbolic Acid (Phenol) 4 2 1 Carbon Dioxide 2 1 1 Carbon Disulfide 4 4 4 Carbon Tetrachloride 4 4 4 Carbonic Acid 1 1 1 Casein 1 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine Gas (dry) 2 4 4 Chlorine (water solution) 3 2 4 4	Benzene (Benzol)		4	4	4
Black Liquor 1 Bordeaux Mixture 1 Boric Acid 2 1 Butyl Acetate 4 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 Carloum Hypochlorite 1 1 2 1 Carbolic Acid (Phenol) 4 2 1 Carbon Dioxide 2 1 1 Carbon Disulfide 4 4 4 Carbon Tetrachloride 4 4 4 Carbonic Acid 1 1 1 Casein 1 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine Gas (dry) 2 4 4 Chlorine (water solution) 3 2 4 4					
Bordeaux Mixture 1 Boric Acid 2 1 Butyl Acetate 4 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 Carloolic Acid (Phenol) 4 2 2 Carbon Dioxide 2 1 1 Carbon Disulfide 4 4 4 Carbon Tetrachloride 4 4 4 Carbonic Acid 1 1 1 Casein 1 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine Gas (dry) 2 4 4 Chlorine (water solution) 3 Chlorobenzene 4 4 4	Benzine (Petroleum Ether)			4	3
Boric Acid 2 1 Butyl Acetate 4 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 1 Carloum Hypochlorite 1 1 2 1 Carbolic Acid (Phenol) 4 2 1 Carbon Dioxide 2 1 1 Carbon Disulfide 4 4 4 Carbon Tetrachloride 4 4 4 Carbonic Acid 1 1 1 Casein 1 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine Gas (dry) 2 4 4 Chlorine (water solution) 3 2 4 4 Chlorobenzene 4 4 4 4	Black Liquor				1
Butyl Acetate 4 4 4 Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 Calcium Hypochlorite 1 1 Carbolic Acid (Phenol) 4 2 Carbon Dioxide 2 1 Carbon Disulfide 4 4 Carbon Tetrachloride 4 4 Carbonic Acid 1 1 Casein 1 2 1 Caustic Soda 10 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine Gas (dry) 2 4 4 Chlorine (water solution) 3 Chlorobenzene 4 4 4	Bordeaux Mixture				1
Butyl Alcohol 2 4 2 Calcium Hydroxide 1 1 Calcium Hypochlorite 1 1 Carbolic Acid (Phenol) 4 2 Carbon Dioxide 2 1 Carbon Disulfide 4 4 Carbon Tetrachloride 4 4 Carbonic Acid 1 1 Casein 1 2 1 Caustic Soda 10 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine Gas (dry) 2 4 4 Chlorine (water solution) 3 3 Chlorobenzene 4 4 4	Boric Acid			2	1
Calcium Hydroxide 1 Calcium Hypochlorite 1 Carbolic Acid (Phenol) 4 2 Carbon Dioxide 2 1 Carbon Disulfide 4 4 Carbon Tetrachloride 4 4 Carbonic Acid 1 1 Casein 1 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine Gas (dry) 2 4 4 Chlorine (water solution) 3 3 Chlorobenzene 4 4 4	Butyl Acetate		4	4	4
Calcium Hydroxide 1 Calcium Hypochlorite 1 Carbolic Acid (Phenol) 4 2 Carbon Dioxide 2 1 Carbon Disulfide 4 4 Carbon Tetrachloride 4 4 Carbonic Acid 1 1 Casein 1 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine Gas (dry) 2 4 4 Chlorine (water solution) 3 3 Chlorobenzene 4 4 4					
Calcium Hydroxide 1 Calcium Hypochlorite 1 Carbolic Acid (Phenol) 4 2 Carbon Dioxide 2 1 Carbon Disulfide 4 4 Carbon Tetrachloride 4 4 Carbonic Acid 1 1 Casein 1 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine Gas (dry) 2 4 4 Chlorine (water solution) 3 3 Chlorobenzene 4 4 4	Butyl Alcohol		2	4	2
Calcium Hypochlorite 1 Carbolic Acid (Phenol) 4 2 Carbon Dioxide 2 1 Carbon Disulfide 4 4 Carbon Tetrachloride 4 4 Carbonic Acid 1 1 Casein 1 2 1 Caustic Soda 10 2 1 1 Chlorine Gas (wet) 2 4 4 Chlorine (water solution) 3 3 Chlorobenzene 4 4 4					1
Carbolic Acid (Phenol) 4 2 Carbon Dioxide 2 1 Carbon Disulfide 4 4 Carbon Tetrachloride 4 4 Carbonic Acid 1 1 Casein 1 2 1 Caustic Soda 10 2 1 1 Chlorine Gas (wet) 2 4 Chlorine Gas (dry) 2 4 Chlorine (water solution) 3 Chlorobenzene 4 4 4	Calcium Hypochlorite				1
Carbon Dioxide 2 1 Carbon Disulfide 4 4 Carbon Tetrachloride 4 4 Carbonic Acid 1 1 Casein 1 1 Caustic Soda 10 2 1 Chlorine Gas (wet) 2 4 Chlorine Gas (dry) 2 4 Chlorine (water solution) 3 3 Chlorobenzene 4 4 4	Carbolic Acid (Phenol)		4		
Carbon Disulfide 4 4 Carbon Tetrachloride 4 4 Carbonic Acid 1 1 Casein 1 1 Caustic Soda 10 2 1 Chlorine Gas (wet) 2 4 Chlorine Gas (dry) 2 4 Chlorine (water solution) 3 Chlorobenzene 4 4			+		
Carbon Tetrachloride 4 4 Carbonic Acid 1 Casein 1 Caustic Soda 10 2 1 Chlorine Gas (wet) 2 4 Chlorine Gas (dry) 2 4 Chlorine (water solution) 3 Chlorobenzene 4 4					·
Carbon Tetrachloride 4 4 Carbonic Acid 1 Casein 1 Caustic Soda 10 2 1 Chlorine Gas (wet) 2 4 Chlorine Gas (dry) 2 4 Chlorine (water solution) 3 Chlorobenzene 4 4	Carbon Disulfide		4		4
Carbonic Acid 1 Casein 1 Caustic Soda 10 2 1 Chlorine Gas (wet) 2 4 Chlorine Gas (dry) 2 4 Chlorine (water solution) 3 Chlorobenzene 4 4			<u> </u>	4	
Casein 1 Caustic Soda 10 2 1 1 Chlorine Gas (wet) 2 4 Chlorine Gas (dry) 2 4 Chlorine (water solution) 3 Chlorobenzene 4 4 4					
Caustic Soda 10 2 1 1 Chlorine Gas (wet) 2 4 Chlorine Gas (dry) 2 4 Chlorine (water solution) 3 Chlorobenzene 4 4					
Chlorine Gas (wet) 2 4 Chlorine Gas (dry) 2 4 Chlorine (water solution) 3 Chlorobenzene 4 4 4		10	2	4	
Chlorine Gas (dry) 2 4 Chlorine (water solution) 3 Chlorobenzene 4 4 4	Caustic Soda	10		1	1
Chlorine Gas (dry) 2 4 Chlorine (water solution) 3 Chlorobenzene 4 4 4	Chlaria Caa (wat)				4
Chlorine (water solution)3Chlorobenzene44		-	+		
Chlorobenzene 4 4 4			2		
Chlorinated Hydrocarbons 4			4	4	
	Chlorinated Hydrocarbons				4

Chemical % TPR TPU PVC Chromic Acid 10 2 4 2 1 Coconut Cil 2 1 4 2 1 Coconut Cil 3 3 Coconut Cil 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 2 2 1 1 4 4 4 4 4 4 2 2 2 1 1 4 4 4 4 4 4 4 4 4 4 4 2 2 2 2 2 2 2 2 2 2 2 2			Jacket Material			
Citric Acid 2 1 Coal Tar 4 4 Coconut Oil 3 3 Corn Oil 1 1 Cottonseed Oil 3 3 Cresoste 4 4 Cresol 3 3 Cresylic Acid 4 4 Cyclohexane 4 2 DDT Weed Killer 4 1 Dibutyl Phthalate 4 4 Diesel Oils 4 3 Diethylene Glycol 2 2 Diethylene Glycol 2 2 Di-isodecyl Phthalate 1 4 Dow General Weed Killer (Phenol) 2 2 Dow General Weed Killer (Phenol) 4 4 Dow General Weed Killer (H2O) 2 2 Ethylene Dichloride 4 4 4 Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1	Chemical	%	TPR	TPU	PVC	
Citric Acid 2 1 Coal Tar 4 4 Coconut Oil 3 3 Corn Oil 1 1 Cottonseed Oil 3 3 Cresoste 4 4 Cresol 3 3 Cresylic Acid 4 4 Cyclohexane 4 2 DDT Weed Killer 4 1 Dibutyl Phthalate 4 4 Diesel Oils 4 3 Diethylene Glycol 2 2 Diethylene Glycol 2 2 Di-isodecyl Phthalate 1 4 Dow General Weed Killer (Phenol) 2 2 Dow General Weed Killer (Phenol) 4 4 Dow General Weed Killer (H2O) 2 2 Ethylene Dichloride 4 4 4 Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1	Chromic Acid	10	2	4		
Coal Tar 4 Coconut Oil 3 Corn Oil 1 Cottonseed Oil 3 Cresote 4 4 Cresol 3 Cresylic Acid 4 4 Cyclohexane 4 2 DDT Weed Killer 4 1 Dibutyl Phthalate 4 4 Diesel Oils 4 3 Diethylene Glycol 2 2 Diethylene Glycol 2 2 Diethyl Ether 1 4 Diesodecyl Phthalate 1 4 Diethylene Glycol 2 2 Diethyl Alcohol 1 4 Ethyl Alcohol 1 4 Ethyl Alcohol 1 4 Ethylene Dichloride 4 4 Ethyl Alcohol 1 4 Ethylene Glycol 50 2 2 Ferric Chloride 1 1 1 Ethylene Glycol 50		10				
Coconut Oil 3 Corn Oil 1 Cottonseed Oil 3 Cresote 4 4 Cresol 3 Cresylic Acid 4 2 Cyclohexane 4 2 DDT Weed Killer 4 1 Dibutyl Phthalate 4 4 Diesel Oils 4 3 Diethylene Glycol 2 2 Diethyl Ether 1 4 Di-isodecyl Phthalate 1 4 Dioctyl Phthalate 1 4 Dow General Weed Killer (Phenol) 4 3 Dow General Weed Killer (H2O) 2 2 Ethyl Alcohol 1 4 3 Ethyl Alcohol 1 4 4 Ethyl Alcohol </td <td></td> <td></td> <td></td> <td></td> <td></td>						
Corn Oil 1 Cottonseed Oil 3 Creosote 4 4 Cresol 3 Cresylic Acid 4 2 DDT Weed Killer 4 2 DDT Weed Killer 4 1 Dibutyl Phthalate 4 3 Diethylene Glycol 2 2 Diethylene Glycol 2 2 Diethyl Ether 1 4 Di-isodecyl Phthalate 4 4 Dioctyl Phthalate 1 4 Dow General Weed Killer (Phenol) 4 4 Dow General Weed Killer (H2O) 2 2 Ethyl Alcohol 1 4 3 Ethylene Dichloride 4 4 4 Ethylene Dichloride 4 4 4 Ethylene Glycol 50 2 2 2 Ferric Chloride 10 1 2 1 Ferric Chloride 10 1 2 1						
Cottonseed Oil 3 3						
Creosote 4 4 4 Cresol 3 3 Cresylic Acid 4 2 Cyclohexane 4 2 DDT Weed Killer 4 1 Dibutyl Phthalate 4 4 Diesol Oils 4 3 Diethylene Glycol 2 2 Diethyl Ether 1 4 Dow General Weed Killer (Phenol) 4 4 Dow General Weed Killer (Phenol) 2 2 Ethyl Alcohol 1 4 3 Ethylene Dichloride 4 4 4 Ethylene Glyco 50 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate <td></td> <td></td> <td></td> <td></td> <td><u> </u></td>					<u> </u>	
Cresol 3 Cresylic Acid 4 Cyclohexane 4 DDT Weed Killer 4 Dibutyl Phthalate 4 Diesel Oils 4 Dow General Weed Killer (Phenol) 4 Dow General Weed Killer (Phenol) 2 Dow General Weed Killer (H2O) 2 Ethyl Alcohol 1 4 Ethylene Dichloride 4 4 Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 Ferric Chloride 1 1 1 Ferric Sulfate 1	Cottonseed Oil				3	
Cresylic Acid 4 2 DDT Weed Killer 4 2 DDT Weed Killer 4 4 Diesel Oils 4 3 Diesel Oils 4 4 Diesel Oils 4 4 Diesel Oils 4 4 Dow General Weed Killer (Phenol) 4 4 Dow General Weed Killer (Phenol) 2 2 Ethyl Alcohol 1 4 3 Ethylene Dichloride 4 4 4 Ethylene Glycol 50 2 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 1 1 Ferric Sulfate 1 1 4 4 2 1 <	Creosote		4			
A						
DDT Weed Killer						
Dibutyl Phthalate 4 4 Diesel Oils 4 3 Diethylene Glycol 2 2 Diethyl Ether 1 1 Di-isodecyl Phthalate 4 4 Dioctyl Phthalate 1 4 Dow General Weed Killer (Phenol) 4 4 Dow General Weed Killer (H2O) 2 2 Ethyl Alcohol 1 4 3 Ethylene Dichloride 4 4 4 Ethylene Glycol 50 2 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 1 1 Ferrous Chloride 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	Cyclohexane			4	2	
Dibutyl Phthalate 4 4 Diesel Oils 4 3 Diethylene Glycol 2 2 Diethyl Ether 1 1 Di-isodecyl Phthalate 4 4 Dioctyl Phthalate 1 4 Dow General Weed Killer (Phenol) 4 4 Dow General Weed Killer (H2O) 2 2 Ethyl Alcohol 1 4 3 Ethylene Dichloride 4 4 4 Ethylene Glycol 50 2 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 1 1 Ferrous Chloride 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	DDT Weed Killer		4		1	
Diesel Oils 4 3 Diethylene Glycol 2 2 Diethyl Ether 1 1 Dioctyl Phthalate 4 4 Dow General Weed Killer (Phenol) 4 4 Dow General Weed Killer (H2O) 2 2 Ethyl Alcohol 1 4 3 Ethylene Dichloride 4 4 4 Ethylene Glycol 50 2 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1						
Diethylene Glycol 2 2 Diethyl Ether 1 Di-isodecyl Phthalate 4 Dow General Weed Killer (Phenol) 4 Dow General Weed Killer (H2O) 2 Ethyl Alcohol 1 4 Ethylene Dichloride 4 4 Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 1 1 Ferrous Chloride 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 <td></td> <td></td> <td></td> <td></td> <td></td>						
Diethyl Ether 1 Di-isodecyl Phthalate 4 Dioctyl Phthalate 1 Dow General Weed Killer (Phenol) 2 Ethyl Alcohol 1 4 Ethyl Alcohol 1 4 Ethylene Dichloride 4 4 Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 1 Ferrous Chloride 2 1 1 1 1 Ferrous Chloride 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 2 <td< td=""><td></td><td></td><td>-</td><td>2</td><td></td></td<>			-	2		
Dioctyl Phthalate 1 4 Dow General Weed Killer (Phenol) 2 Ethyl Alcohol 1 4 Ethyl Alcohol 1 4 Ethylene Dichloride 4 4 Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 1 1 1 Ferrous Chloride 2 1 1 4 2 1 1 4 2 1 1 4 4 2 1 4 4 2 1 4 4 2 1 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				_		
Dioctyl Phthalate 1 4 Dow General Weed Killer (Phenol) 2 Ethyl Alcohol 1 4 Ethyl Alcohol 1 4 Ethylene Dichloride 4 4 Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 1 1 1 Ferrous Chloride 2 1 1 4 2 1 1 4 2 1 1 4 4 2 1 4 4 2 1 4 4 2 1 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3						
Dow General Weed Killer (Phenol) 4 Dow General Weed Killer (H2O) 2 Ethyl Alcohol 1 4 3 Ethyl Alcohol 1 4 4 Ethylene Dichloride 4 4 4 Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 1 1 1 Ferrous Chloride 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 4 2 1 1 4 2 1 1 4 4 2 2 1 1 4 4 2 3 1 4 4 2 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3<						
Dow General Weed Killer (H2O) 2 Ethyl Alcohol 1 4 3 Ethylene Dichloride 4 4 4 Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 1 1 Ferrous Chloride 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 4 4 2 1 1 4 4 2 2 1 1 4 4 2 2 1 1 4 4 2 3 3 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 4 4 3 3 4 4 3 3 4				1		
Ethyl Alcohol 1 4 3 Ethylene Dichloride 4 4 4 Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 1 1 1 Ferrous Chloride 2 1 1 1 1 1 1 1 1 4 2 1 1 4 4 2 1 1 4 4 2 1 1 4 4 4 3 3 3 3 3 4 4 3 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 4 4 3 3 4 4 2 3 3 4 4 2 <						
Ethylene Dichloride 4 4 Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 1 Ferrous Chloride 2 1 1 1 Ferrous Chloride 2 1 1 1 1 1 1 1 1 1 1 1 1 4 2 1 1 4 4 2 1 1 4 4 2 2 1 1 4 4 2 3 3 3 3 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 3 4 4 3 3 4 4 3 3 4 4 3 3 4 4 3 3 4 4 3 3 4 4 2 3 3 4 4 2						
Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 Ferrous Chloride 2 1 1 Ferrous Sulfate 1 4 1 Formaldehyde 1 4 4 Fuel Oil 4 2 2 Furfural 4 3 3 Gallic Acid 1 1 1 Gasoline (Hi Test) 4 4 3 Glycerine 2 1 1 Grease 1 1 1 Grease 1 1 1 Green Sulfate Liquor 1 1 1 Heptachlor in Petroleum Solvents 1 1 Heydrobromic Acid 2 1 1 Hydrochloric Acid 4 2 3 Hydrochloric Acid 40 3 Hydrochloric Acid 4 1 <td< td=""><td>Ethyl Alcohol</td><td></td><td>1</td><td>4</td><td>3</td></td<>	Ethyl Alcohol		1	4	3	
Ethylene Glycol 50 2 2 Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 Ferrous Chloride 2 1 1 Ferrous Sulfate 1 4 1 Formaldehyde 1 4 4 Fuel Oil 4 2 2 Furfural 4 3 3 Gallic Acid 1 1 1 Gasoline (Hi Test) 4 4 3 Glycerine 2 1 1 Grease 1 1 1 Grease 1 1 1 Green Sulfate Liquor 1 1 1 Heptachlor in Petroleum Solvents 1 1 Heydrobromic Acid 2 1 1 Hydrochloric Acid 4 2 3 Hydrochloric Acid 40 3 Hydrochloric Acid 4 1 <td< td=""><td>Ethylene Dichloride</td><td></td><td>4</td><td></td><td>4</td></td<>	Ethylene Dichloride		4		4	
Ferric Chloride 10 1 2 1 Ferric Sulfate 1 1 1 Ferrous Chloride 2 1 Ferrous Sulfate 1 4 Formaldehyde 1 4 Fuel Oil 4 2 Furfural 4 3 Gallic Acid 1 1 Gasoline (Hi Test) 4 4 3 Glycerine 2 1 1 Grease 1 1 1 Grease 1 1 1 Heptachlor in Petroleum Solvents 1 1 Heptane 4 2 3 Hydrobromic Acid 2 1 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1		50		2		
Ferrous Chloride 2 1 Ferrous Sulfate 1 1 Formaldehyde 1 4 Fuel Oil 4 2 Furfural 4 3 Gallic Acid 1 1 Gasoline (Hi Test) 4 4 3 Glycerine 2 1 1 Grease 1 1 1 Grease 1 1 1 Heptachlor in Petroleum Solvents 1 1 Heptane 4 2 3 Hydrobromic Acid 2 1 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1		1	1	_		
Ferrous Sulfate 1 1 Formaldehyde 1 4 Fuel Oil 4 2 Furfural 4 3 Gallic Acid 1 1 Gasoline (Hi Test) 4 4 3 Glycerine 2 1 1 Grease 1 1 1 Grease 1 1 1 Heptachlor in Petroleum Solvents 1 1 Heptane 4 2 3 Hydrobromic Acid 2 1 1 Hydrochloric Acid 40 3 Hydrochloric Acid 40 3 Hydrofluorobonic Acid 1 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1 1 1 1 1	Ferric Sulfate		1		1	
Formaldehyde 1 4 Fuel Oil 4 2 Furfural 4 3 Gallic Acid 1 Gasoline (Hi Test) 4 4 3 Glycerine 2 1 1 Grease 1 1 1 Green Sulfate Liquor 1 1 Heptachlor in Petroleum Solvents 1 1 Heptane 4 2 3 Hexane 4 2 3 Hydrobromic Acid 10 2 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1	Ferrous Chloride		2		1	
Formaldehyde 1 4 Fuel Oil 4 2 Furfural 4 3 Gallic Acid 1 Gasoline (Hi Test) 4 4 3 Glycerine 2 1 1 Grease 1 1 1 Green Sulfate Liquor 1 1 Heptachlor in Petroleum Solvents 1 1 Heptane 4 2 3 Hexane 4 2 3 Hydrobromic Acid 10 2 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1	-					
Fuel Oil 4 2 Furfural 4 3 Gallic Acid 1 Gasoline (Hi Test) 4 4 Glycerine 2 1 Grease 1 1 Green Sulfate Liquor 1 Heptachlor in Petroleum Solvents 1 Heptane 4 2 3 Hexane 4 2 3 Hydrobromic Acid 2 1 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1						
Furfural 4 3 Gallic Acid 1 Gasoline (Hi Test) 4 4 3 Glycerine 2 1 1 Grease 1 1 1 Green Sulfate Liquor 1 1 Heptachlor in Petroleum Solvents 1 1 Heptane 4 2 3 Hexane 4 2 3 Hydrobromic Acid 10 2 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1			-			
Gallic Acid 1 Gasoline (Hi Test) 4 4 3 Glycerine 2 1 1 Grease 1 1 1 Green Sulfate Liquor 1 1 Heptachlor in Petroleum Solvents 1 1 Heptane 4 2 3 Hexane 4 2 3 Hydrobromic Acid 2 1 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1						
Gasoline (Hi Test) 4 4 3 Glycerine 2 1 1 Grease 1 1 1 Green Sulfate Liquor 1 1 Heptachlor in Petroleum Solvents 1 1 Heptane 4 2 3 Hexane 4 2 3 Hydrobromic Acid 2 1 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1			4			
Glycerine 2 1 1 Grease 1 1 1 Green Sulfate Liquor 1 1 Heptachlor in Petroleum Solvents 1 1 Heptane 4 2 3 Hexane 4 2 3 Hydrobromic Acid 2 1 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1	Gallic Acid				1	
Glycerine 2 1 1 Grease 1 1 1 Green Sulfate Liquor 1 1 Heptachlor in Petroleum Solvents 1 1 Heptane 4 2 3 Hexane 4 2 3 Hydrobromic Acid 2 1 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1	Gasoline (Hi Test)		4	4	3	
Grease 1 1 Green Sulfate Liquor 1 1 Heptachlor in Petroleum Solvents 1 Heptane 4 2 3 Hexane 4 2 3 Hydrobromic Acid 2 1 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1			2	1		
Heptachlor in Petroleum Solvents				1	1	
Heptachlor in Petroleum Solvents	Green Sulfate Liquor				1	
Hexane 4 2 3 Hydrobromic Acid 2 1 1 Hydrochloric Acid 10 2 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1 1						
Hexane 4 2 3 Hydrobromic Acid 2 1 1 Hydrochloric Acid 10 2 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1 1	Hantona		_			
Hydrobromic Acid 2 1 1 Hydrochloric Acid 10 2 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1				_		
Hydrochloric Acid 10 2 1 Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1				_		
Hydrochloric Acid 40 3 Hydrochloric Acid 70 4 Hydrofluorobonic Acid 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1 1		40		1		
Hydrochloric Acid 70		1	2			
Hydrofluorobonic Acid 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1 1	nyarochioric Acia	40			3	
Hydrofluorobonic Acid 1 Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1 1	Hydrochloric Acid	70			4	
Hydrofluorosilicic Acid 4 1 Hydrogen Peroxide 10 2 1 1						
Hydrogen Peroxide 10 2 1 1			4			
		10		1		
					3	

Chemical Resistance Chart



The listed chemicals have been tested with results noted below. It is recommended that samples of conduit should be tested under actual conditions wherever possible, since results may differ from test conditions.

1- Excellent
Continuous Service

2- Good Intermittent Service **3- Fair**Limited Service Life

- Poor

Do not use

Sopropyl Acetate	Continuous Service		Intermittent Service				
Chemical W TPR TPU PVC		Jacket Material					
Sopropyl Acetate	Chemical	%					
Isopropyl Alcohol							
Jet Fuels (JP-3,4 and 5)					4		
Kerosene 4 2 3 Ketones 4 4 4 Linseed Oil 4 1 1 Lubricating Oils 1 1 1 Magnesium Chloride 30 1 2 1 Magnesium Hydroxide 1 1 1 1 Magnesium Sulfate 1 1 1 1 1 Malic Acid 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 <td></td> <td></td> <td>4</td> <td>1</td> <td>2</td>			4	1	2		
Retones	Jet Fuels (JP-3,4 and 5)						
Linseed Oil	Kerosene		4	2	3		
Lubricating Oils 1 Magnesium Chloride 30 1 2 1 Magnesium Hydroxide 1 1 1 Magnesium Sulfate 1 1 1 Malathion 50 in Aromatics 4 4 4 Malic Acid 1 1 1 Methyl Alcohol 4 4 4 Methyl Bromide 4 4 4 Methyl Bromide 4 4 4 Methyl Ethyl Ketone 4 4 4 Methylene Chloride 4 4 4 Mineral Oil 2 1 4 Monochlorobenzne 4 4 4 Muriatic Acid (See Hydrochloric Acid (See Hydrochloric Acid) 2 - Naphthalene 4 4 4 Nitric Acid 10 2 4 1 Nitric Acid 10 2 4 1 Oleic Acid 1 1 1 1	Ketones		4		4		
Lubricating Oils 1 Magnesium Chloride 30 1 2 1 Magnesium Hydroxide 1 1 1 Magnesium Sulfate 1 1 1 Malathion 50 in Aromatics 4 4 4 Malic Acid 1 1 1 Methyl Alcohol 4 4 4 Methyl Bromide 4 4 4 Methyl Bromide 4 4 4 Methyl Ethyl Ketone 4 4 4 Methylene Chloride 4 4 4 Mineral Oil 2 1 4 Monochlorobenzne 4 4 4 Muriatic Acid (See Hydrochloric Acid (See Hydrochloric Acid) 2 - Naphthalene 4 4 4 Nitric Acid 10 2 4 1 Nitric Acid 10 2 4 1 Oleic Acid 1 1 1 1							
Magnesium Chloride 30 1 2 1 Magnesium Hydroxide 1 1 1 Magnesium Sulfate 1 1 1 Malathion 50 in Aromatics 4 4 4 Malic Acid 1 1 1 Methyl Acetate 4 4 4 4 Methyl Bromide 4 4 4 4 4 Methyl Bromide 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 1 3 1 1 1 2 1 1 <td< td=""><td></td><td></td><td>4</td><td></td><td>+</td></td<>			4		+		
Magnesium Hydroxide 1 1 Magnesium Sulfate 1 1 Malathion 50 in Aromatics 4 4 Malic Acid 1 1 Methyl Acetate 4 4 4 Methyl Bromide 4 4 4 Methyl Ethyl Ketone 4 4 4 Methylene Chloride 4 4 4 Mineral Oil 2 1 1 Monochlorobenzne 4 4 4 Muriatic Acid (See Hydrochloric Acid (See Hydrochloric Acid) 2 - Naphtha 4 1 3 Naphthalene 4 4 4 Nitric Acid 10 2 4 1 Nitric Acid 10 2 4 1 Nitric Acid 70 4 4 4 Oleic Acid 1 1 1 1 Oleic Acid 1 1 1 1 Pentachlorophenol in Oil					1		
Magnesium Sulfate 1 Malathion 50 in Aromatics 4 Malic Acid 1 Methyl Acetate 4 4 Methyl Bromide 4 3 Methyl Bromide 4 4 Methyl Ethyl Ketone 4 4 Methylene Chloride 4 4 Mineral Oil 2 1 Monochlorobenzne 4 4 Murratic Acid (See Hydrochloric Acid) 2 - Naphtha 4 1 3 Naphthalene 4 4 4 Nitric Acid (See Hydrochloric Acid 10 2 4 1 Naphthalene 4 4 4 4 4 Nitric Acid (See Hydrochloric Acid 10 2 4 1 1 Naphthalene 4 4 4 4 4 4 4 4 4 4 4 4 1 3 1 1 1 1 1 1		30	1	2	1		
Malic Acid 4 Methyl Acetate 4 4 4 Methyl Alcohol 4 3 Methyl Alcohol 4 3 Methyl Bromide 4 4 4 4 Methyl Ethyl Ketone 4 4 4 4 Methylene Chloride 4 4 4 4 4 Mineral Oil 2 1 Monochlorobenzne 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 1 3 1 1 1 2 1 1 1 2 1 1 1 2 1<			1				
Malic Acid 1 Methyl Acetate 4 4 4 Methyl Bromide 4 3 Methyl Bromide 4 4 Methyl Ethyl Ketone 4 4 4 Methylene Chloride 4 4 4 Mineral Oil 2 1 1 Monochlorobenzne 4 4 4 Muriatic Acid (See Hydrochloric Acid) 2 - - Naphtha 4 1 3 1 3 Naphthalene 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Magnesium Sulfate				1		
Malic Acid 1 Methyl Acetate 4 4 4 Methyl Bromide 4 3 Methyl Bromide 4 4 Methyl Ethyl Ketone 4 4 4 Methylene Chloride 4 4 4 Mineral Oil 2 1 1 Monochlorobenzne 4 4 4 Muriatic Acid (See Hydrochloric Acid) 2 - - Naphtha 4 1 3 1 3 Naphthalene 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4							
Methyl Acetate 4 4 4 Methyl Bromide 4 3 Methyl Bromide 4 4 Methyl Ethyl Ketone 4 4 Methylene Chloride 4 4 Mineral Oil 2 1 Monochlorobenzne 4 4 Muriatic Acid (See Hydrochloric Acid) 2 - Naphtha 4 1 3 Naphthalene 4 4 4 Nitric Acid (See Hydrochloric Acid) 10 2 4 1 Naphthalene 4 4 4 4 4 Nitric Acid (See Hydrochloric Acid Total See Total Se	Malathion 50 in Aromatics				4		
Methyl Alcohol 4 3 Methyl Bromide 4 4 Methyl Ethyl Ketone 4 4 Methylene Chloride 4 4 4 Mineral Oil 2 1 Monochlorobenzne 4 4 4 Muriatic Acid (See Hydrochloric Acid) 2 - - Naphtha 4 1 3 Naphthalene 4 4 4 4 4 1 3 Naphthalene 4 4 1 3 Naphthalene 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 </td <td>Malic Acid</td> <td></td> <td></td> <td></td> <td>1</td>	Malic Acid				1		
Methyl Ethyl Ketone 4 Methylene Chloride 4 Mineral Oil 2 Monochlorobenzne 4 Muriatic Acid (See Hydrochloric Acid) 2 Naphtha 4 Naphthalene 4 Nitric Acid 10 2 Nitric Acid 35 2 Nitric Acid 70 4 Oleic Acid 1 1 Oleum 4 4 Oxalic Acid 1 1 Pentachlorophenol in Oil 2 2 Pentane 4 4 Perchloroethylene 4 4 Petroleum Ether 4 2 Phosphoric Acid 85 2 4 Propyl Alcohol 2 2 Ritchfield "A" Weed Killer 3 3 Sea Water 1 1 1 Sodium Hydroxide 50 4 1 Sodium Cyanide 1 1 1 Stoddard Solven			4	4	4		
Methyl Ethyl Ketone 4 4 4 Methylene Chloride 4 4 4 4 Mineral Oil 2 1 1 Monochlorobenzne 4 4 4 4 Muriatic Acid (See Hydrochloric Acid) 2 - - - - Naphtha 4 1 3 Naphthalene 4 4 4 1 3 Naphthalene 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	Methyl Alcohol			4	3		
Methylene Chloride 4 4 4 Mineral Oil 2 1 Monochlorobenzne 4 4 Muriatic Acid (See Hydrochloric Acid) 2 - Naphtha 4 1 3 Naphthalene 4 4 1 Naphthalene 4 4 1 Nitric Acid 10 2 4 1 Nitric Acid 35 2 1 1 Nitric Acid 70 4 4 4 Oleic Acid 1 1 1 1 1 Okalic Acid 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 1 1 1 1 2 1 1 1 1 1 1 1 1 2 2 1 1 2 1 1 1 <td>Methyl Bromide</td> <td></td> <td></td> <td></td> <td>4</td>	Methyl Bromide				4		
Methylene Chloride 4 4 4 Mineral Oil 2 1 Monochlorobenzne 4 4 Muriatic Acid (See Hydrochloric Acid) 2 - Naphtha 4 1 3 Naphthalene 4 4 1 Naphthalene 4 4 1 Nitric Acid 10 2 4 1 Nitric Acid 35 2 1 1 Nitric Acid 70 4 4 4 Oleic Acid 1 1 1 1 1 Okalic Acid 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 1 1 1 1 2 1 1 1 1 1 1 1 1 2 2 1 1 2 1 1 1 <td></td> <td></td> <td></td> <td></td> <td></td>							
Mineral Oil 2 1 Monochlorobenzne 4 4 Muriatic Acid (See Hydrochloric Acid) 2 - Naphtha 4 1 3 Naphthalene 4 4 4 Nitric Acid 10 2 4 1 Nitric Acid 35 2 1 1 Nitric Acid 70 4 4 Oleic Acid 1 1 1 Oleum 4 4 1 Okalic Acid 1 1 1 Pentachlorophenol in Oil 2 2 2 Pentane 4 4 4 4 Perchloroethylene 4 4 4 4 Petroleum Ether 4 3 2 4 1 Phenol 4 2 4 1 2 Potassium Hydroxide 2 1 1 1 1 2 2 2 2 1 </td <td>Methyl Ethyl Ketone</td> <td></td> <td></td> <td>4</td> <td>4</td>	Methyl Ethyl Ketone			4	4		
Monochlorobenzne 4 4 Muriatic Acid (See Hydrochloric Acid) 2 - Naphtha 4 1 3 Naphthalene 4 4 4 Nitric Acid 10 2 4 1 Nitric Acid 35 2 1 1 Nitric Acid 70 4 4 4 Oleic Acid 1 1 1 1 Pentachlorophenol in Oil 2 2 2 Pentane 4 4 4 4 Petroleum Ether 4 4 4 4 Petroleum Ether 4 4 2 2 Phosphoric Acid 85 2 4 1 1 Pitch 2 2 1 2 2 2 2 2 2 1 2 2 2 2 1 1 1 1 1 3 3 3 3 3	Methylene Chloride		4	4	4		
Muriatic Acid (See Hydrochloric Acid) 2 - Naphtha 4 1 3 Naphthalene 4 4 4 Nitric Acid 10 2 4 1 Nitric Acid 35 2 1 1 Nitric Acid 70 4 4 4 Oleic Acid 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	Mineral Oil			2	1		
Naphtha 4 1 3 Naphthalene 4 4 4 Nitric Acid 10 2 4 1 Nitric Acid 35 2 1 Nitric Acid 70 4 4 Oleic Acid 1 1 Oleum 4 4 Oxalic Acid 1 1 Pentachlorophenol in Oil 2 2 Pentane 4 4 3 Perchloroethylene 4 4 4 Petroleum Ether 4 3 2 Phenol 4 2 2 Phosphoric Acid 85 2 4 1 Pitch 2 1 2 Potassium Hydroxide 2 1 1 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 Sea Water 1 1 1 Sodium Hydroxide 50 4 1 Sodium Cyanide 1 4 Stoddard	Monochlorobenzne		4		4		
Naphtha	Muriatic Acid (See Hydrochloric		2				
Naphthalene 4 4 Nitric Acid 10 2 4 1 Nitric Acid 35 2 1 Nitric Acid 70 4 4 Oleic Acid 1 1 Oleum 4 4 Oxalic Acid 1 1 Pentachlorophenol in Oil 2 2 Pentane 4 4 3 Perchloroethylene 4 4 4 Petroleum Ether 4 3 2 Phenol 4 2 4 1 Phosphoric Acid 85 2 4 1 Pitch 2 2 1 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 Sea Water 1 1 1 Sodium Hydroxide 50 4 1 Sodium Cyanide 1 3 3 Sodium Cyanide 4	Acid)						
Naphthalene 4 4 Nitric Acid 10 2 4 1 Nitric Acid 35 2 1 Nitric Acid 70 4 4 Oleic Acid 1 1 Oleum 4 4 Oxalic Acid 1 1 Pentachlorophenol in Oil 2 2 Pentane 4 4 3 Perchloroethylene 4 4 4 Petroleum Ether 4 3 2 Phenol 4 2 4 1 Phosphoric Acid 85 2 4 1 Pitch 2 2 1 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 Sea Water 1 1 1 Sodium Hydroxide 50 4 1 Sodium Cyanide 1 3 3 Sodium Cyanide 4							
Nitric Acid 10 2 4 1 Nitric Acid 35 2 1 Nitric Acid 70 4 4 Oleic Acid 1 1 Oleum 4 4 Oxalic Acid 1 1 Pentachlorophenol in Oil 2 2 Pentane 4 4 4 Perchloroethylene 4 4 4 Petroleum Ether 4 3 2 Phenol 4 2 1 Phosphoric Acid 85 2 4 1 Pitch 2 1 2 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 3 Sea Water 1 1 1 1 Sodium Hydroxide 50 4 1 Sodium Cyanide 1 1 3 Sodium Cyanide 4 4 4				1			
Nitric Acid 35 2 1 Nitric Acid 70 4 4 Oleic Acid 1 1 Oleum 4 4 Oxalic Acid 1 1 Pentachlorophenol in Oil 2 2 Pentane 4 4 4 Perchloroethylene 4 4 4 Petroleum Ether 4 3 2 Phenol 4 2 2 Phosphoric Acid 85 2 4 1 Pitch 2 2 1 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 Sea Water 1 1 1 Sodium Hydroxide 50 4 1 Sodium Cyanide 1 3 3 Sodium Cyanide 1 4 4		-					
Nitric Acid 70 4 4 Oleic Acid 1 1 Oxalic Acid 1 1 1 Pentachlorophenol in Oil 2 2 Pentane 4 3 3 Perchloroethylene 4 4 4 Petroleum Ether 4 3 3 Phenol 4 2 2 Phosphoric Acid 85 2 4 1 Pitch 2 1 2 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 3 Sea Water 1 1 1 1 Sodium Hydroxide 50 4 1 Sodium Cyanide 1 3 3 Sodium Cyanide 1 4 4				4	+		
Oleic Acid 1 Oleum 4 Oxalic Acid 1 Pentachlorophenol in Oil 2 Pentane 4 Perchloroethylene 4 Petroleum Ether 4 Phenol 4 Phosphoric Acid 85 Pitch 2 Potassium Hydroxide 2 Propyl Alcohol 2 Ritchfield "A" Weed Killer 3 Sea Water 1 1 Sodium Hydroxide 50 4 1 Sodium Hydroxide 50 4 1 Sodium Cyanide 1 1 5 Stoddard Solvent 4 4 4		_	_		+		
Oleum 4 Oxalic Acid 1 1 Pentachlorophenol in Oil 2 Pentane 4 3 Perchloroethylene 4 4 4 Petroleum Ether 4 3 2 Phenol 4 2 2 Phosphoric Acid 85 2 4 1 Pitch 2 1 2 Potassium Hydroxide 2 1 1 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 3 Sea Water 1 1 1 1 Sodium Hydroxide 50 4 1 1 Sodium Cyanide 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Nitric Acid	70	4		4		
Oleum 4 Oxalic Acid 1 1 Pentachlorophenol in Oil 2 Pentane 4 3 Perchloroethylene 4 4 4 Petroleum Ether 4 3 2 Phenol 4 2 2 Phosphoric Acid 85 2 4 1 Pitch 2 1 2 Potassium Hydroxide 2 1 1 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 3 Sea Water 1 1 1 1 Sodium Hydroxide 50 4 1 1 Sodium Cyanide 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Ole's As'd						
Oxalic Acid 1 1 Pentachlorophenol in Oil 2 Pentane 4 3 Perchloroethylene 4 4 4 Petroleum Ether 4 3 3 Phenol 4 2 2 Phosphoric Acid 85 2 4 1 Pitch 2 1 2 Potassium Hydroxide 2 1 2 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 3 Sea Water 1 1 1 1 Sodium Hydroxide 50 4 1 Sodium Cyanide 1 3 3 Sodium Cyanide 1 4 4		_					
Pentachlorophenol in Oil 2 Pentane 4 3 Perchloroethylene 4 4 4 Petroleum Ether 4 3 3 Phenol 4 2 2 Phosphoric Acid 85 2 4 1 Pitch 2 1 2 Potassium Hydroxide 2 1 2 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 3 Sea Water 1 1 1 1 Sodium Hydroxide 50 4 1 1 Sodium Cyanide 50 4 1 3 Sodium Cyanide 1 4 4 4		_	4				
Pentane 4 3 Perchloroethylene 4 4 4 Petroleum Ether 4 3 3 Phenol 4 2 2 Phosphoric Acid 85 2 4 1 Pitch 2 4 1 2 Potassium Hydroxide 2 1 2 2 Ritchfield "A" Weed Killer 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		_	1				
Perchloroethylene 4 4 4 Petroleum Ether 4 3 Phenol 4 2 Phosphoric Acid 85 2 4 1 Pitch 2 1 2 Potassium Hydroxide 2 1 1 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 3 Sea Water 1 1 1 1 Sodium Hydroxide 10 1 2 1 Sodium Hydroxide 50 4 1 Sodium Cyanide 1 1 3 Sodium Cyanide 1 4 4		_			_		
Petroleum Ether 4 3 Phenol 4 2 Phosphoric Acid 85 2 4 1 Pitch 2 4 1 Potassium Hydroxide 2 1 1 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 Sea Water 1 1 1 1 Sodium Hydroxide 10 1 2 1 Sodium Hydroxide 50 4 1 Sodium Cyanide 1 3 Sodium Cyanide 1 4 Stoddard Solvent 4 4	Pentane	_	4		3		
Petroleum Ether 4 3 Phenol 4 2 Phosphoric Acid 85 2 4 1 Pitch 2 4 1 Potassium Hydroxide 2 1 1 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 Sea Water 1 1 1 1 Sodium Hydroxide 10 1 2 1 Sodium Hydroxide 50 4 1 Sodium Cyanide 1 3 Sodium Cyanide 1 4 Stoddard Solvent 4 4	Developmenthydeve	-	4	4	1		
Phenol 4 2 Phosphoric Acid 85 2 4 1 Pitch 2 2 Potassium Hydroxide 2 1 1 Propyl Alcohol 2 2 2 Ritchfield "A" Weed Killer 3 3 3 Sea Water 1 1 1 2 1 Sodium Hydroxide 10 1 2 1 Sodium Hydroxide 50 4 1 Soybean Oil 3 3 Sodium Cyanide 1 1 Stoddard Solvent 4 4		-		4			
Phosphoric Acid 85 2 4 1 Pitch 2 1 Potassium Hydroxide 2 1 Propyl Alcohol 2 2 Ritchfield "A" Weed Killer 3 Sea Water 1 1 1 Sodium Hydroxide 10 1 2 1 Sodium Hydroxide 50 4 1 Soybean Oil 3 3 Sodium Cyanide 1 1 Stoddard Solvent 4 4		_					
Pitch 2 Potassium Hydroxide 2 1 Propyl Alcohol 2 2 Ritchfield "A" Weed Killer 3 Sea Water 1 1 1 Sodium Hydroxide 10 1 2 1 Sodium Hydroxide 50 4 1 1 Soybean Oil 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		0.5		4			
Potassium Hydroxide 2 1 Propyl Alcohol 2 2 Ritchfield "A" Weed Killer 3 Sea Water 1 1 1 Sodium Hydroxide 10 1 2 1 Sodium Hydroxide 50 4 1 Soybean Oil 3 3 3 Sodium Cyanide 1 1 3 Stoddard Solvent 4 4		85	2	4			
Propyl Alcohol 2 2 Ritchfield "A" Weed Killer 3 Sea Water 1 1 1 Sodium Hydroxide 10 1 2 1 Sodium Hydroxide 50 4 1 Soybean Oil 3 3 3 Sodium Cyanide 1 4 Stoddard Solvent 4 4	Pitch				2		
Propyl Alcohol 2 2 Ritchfield "A" Weed Killer 3 Sea Water 1 1 1 Sodium Hydroxide 10 1 2 1 Sodium Hydroxide 50 4 1 Soybean Oil 3 3 3 Sodium Cyanide 1 4 Stoddard Solvent 4 4	Defendant Hadro Mr.	_					
Ritchfield "A" Weed Killer 3 Sea Water 1 1 1 Sodium Hydroxide 10 1 2 1 Sodium Hydroxide 50 4 1 Soybean Oil 3 3 Sodium Cyanide 1 1 Stoddard Solvent 4 4		_	_		+		
Sea Water 1 1 1 Sodium Hydroxide 10 1 2 1 Sodium Hydroxide 50 4 1 Soybean Oil 3 3 Sodium Cyanide 1 1 Stoddard Solvent 4 4		-	2				
Sodium Hydroxide 10 1 2 1 Sodium Hydroxide 50 4 1 Soybean Oil 3 3 Sodium Cyanide 1 1 Stoddard Solvent 4 4		-					
Sodium Hydroxide 50 4 1 Soybean Oil 3 Sodium Cyanide 1 Stoddard Solvent 4		10	_				
Soybean Oil 3 Sodium Cyanide 1 Stoddard Solvent 4	эоашті нуагохіде	10	1	2	1		
Soybean Oil 3 Sodium Cyanide 1 Stoddard Solvent 4	On divine I bushess it is		ļ		 		
Sodium Cyanide 1 Stoddard Solvent 4		50	ļ	4	+		
Stoddard Solvent 4		-	-		+		
		-					
Styrene 4		-	ļ				
	Styrene		<u> </u>		4		

	Jacket Material				
Chemical	%	TPR			
Sulfur Dioxide (Liquid)		4		4	
Sulfuric Acid	50	1	2	1	
Sulfuric Acid Sulfurous Acid	98	2		4	
Tall Oil	10	1		2	
Tall Oil		1			
Tannic Acid		4		1	
Toluene		4	4	4	
Trichlorethylene			4	4	
Triethanol Amine				3	
Tricresyl Phosphate (Skydrol)			4	4	
Turpentine		4	2	3	
Vinegar				1	
Vinyl Chloride Water		1	1	4	
White Liquor		1	1	1	
Write Elquoi					
Xylene		4		4	
Zinc Chloride		2		1	
Zinc Sulfate		2		1	
	_				
	-				
	-				

ANAMET Electrical, Inc. A

<u>35</u>

