## **Distribution Enclosure and Pedestal**



Carlon® Distribution Enclosures and Pedestals are designed to accommodate all types of electrical equipment for electrical distribution applications. The enclosure may be directly installed on the ground or on top of a pedestal, and the pedestal is approved for direct bury applications. Both are manufactured using fiber reinforced polyester to provide high impact resistance and allow effortless modifications. And each have an IP-43 Self-Ventilated and IP-54 Watertight rating and a temperature range of -58°F to 302°F.

### **Enclosure**



### **Features**

- High impact resistance
- Nonconductive and noncorrosive.
- Fits all type of electrical equipment
- IP-43 Self-Ventilated.
- IP-54 Watertight.
- One and two door configurations.
- Install directly on the ground or on a pedestal.
- Removable inner hinges for great access.
- Doors open 180°

#### **Pedestal**



### **Features**

- Can be direct buried.
- Nonconductive and noncorrosive
- Detachable upper front for easy access.
- High impact resistance.
- Auxiliary outlet on the side.
- IP-43 Self-Ventilated.
- IP-54 Watertight.
- Floor or wall mountable.

### **Material**

• Fiberglass Reinforced Polyester

### **Applications**







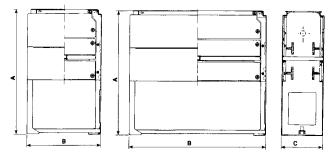


# **Distribution Enclosure and Pedestal**

## **Specifications**

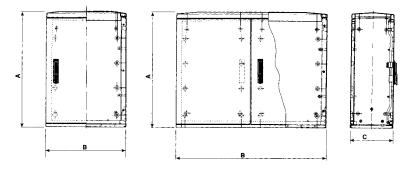
### **Enclosures**

Part No.	No. of Doors	No. of Locks	A Height	B Width	C Depth	Ctn. Qty.	Wt. (lbs.)
HLP3318	1	1	33.46	18.31	12.60	1	40.79
HLP3323	1	1	33.46	23.23	12.60	1	48.50
HLP3331	1	1	33.46	30.91	12.60	1	55.12
HLP33442	2	1	33.46	43.90	12.60	1	77.16
HLP33442L	2	2	33.46	43.90	12.60	1	77.16



#### **Pedestals**

Part No.	A Height	B Width	C Depth	Ctn. Qty.	Weight (lbs.)
HLPED3318	35.43	18.31	12.20	1	33.10
HLPED3323	35.43	23.23	12.20	1	37.48
HLPED3331	35.43	30.91	12.20	1	44.10
HLPED33442	35.43	43.90	12.20	1	55.12



### **Mounting Plates**

Part No.	# of Plates per Encl.	D	E	Thick- ness	Carton Qty.	Weight (lbs.)
LA1412BP	1	14.02	11.97	.20	1	4.41
LA1816BP	2	17.64	15.59	.20	1	11.02
LA1916BP	1	18.94	16.89	.20	1	6.00
LA2725BP	1	26.61	24.57	.20	1	8.38



### Accessories

#### Gasket

Part No.	Size H x W x D	Carton Qty.	Weight (lbs.)
HLP3318G	33 x 18 x 12	1	2.2
HLP3323G	33 x 23 x 12	1	2.2
HLP3331G	33 x 31 x 12	1	2.2
HLP3344G	33 x 44 x 12	1	2.2

# **Enclosures Factory Modifications**

## For All Enclosures



Painted JIC enclosure with painted back panel. Installed clear cover with handle and guick-release latch.



Color molded JIC unit with addition of window and pushbuttons.



Molded junction box painted with addition of mounted in-use weatherproof cover.



Painted JIC enclosure with pocket installed in cover for control pad.

### **Color Molded Enclosures**

All Circuit Safe® enclosures can be molded in a variety of colors. Minimum quantities for single shipment or releases against blanket orders are required.

### **Painted/Silkscreened Enclosures**

All enclosures can be painted, interior and exterior, or by special request. Enclosure covers can also be silkscreened on request.

#### **EMI/RFI Protection**

For applications where Radio Frequency Interference is a factor, the interior can be coated with an acrylic base paint with a nickel filler. Windows can be covered with fine copper mesh.

#### **Other Modifications Available**

Our factory is capable of modifying any of our enclosures to a customer's specifications. Factory's capabilities include:

- Precision milling of button holes, windows, and pockets for keypad installations.
- Hole tapping.
- Ventilators.
- Mounting bosses.
- Access windows.
- Hinged windows.
- Mounted in use weatherproof covers.
- Handles for portable units.
- Latches.
- Enclosure coolers.
- Cylinder locking systems.
- And more!

# **NEMA Types – Definitions Pertaining to Nonhazardous Locations**

### **Enclosures for Electrical Equipment**

An enclosure is a surrounding case constructed to provide protection from accidental contact with the enclosed equipment and to provide protection to the enclosed equipment from specified environmental conditions. A brief description of the more common types of enclosures used by the electrical industry follows.

**Type 1 Enclosure:** Intended for indoor use primarily to provide protection against contact with enclosed

equipment and a degree of protection against falling dirt.

**Type 2 Enclosure:** Intended for indoor use primarily to provide a degree of protection against limited

amounts of falling water and dirt.

**Type 3 Enclosure:** Intended for outdoor use primarily to provide a degree of protection against

wind-blown dust, rain, sleet and external ice formation.

**Type 3R Enclosure:** Intended for outdoor use primarily to provide a degree of protection against falling

rain, sleet and external ice formation.

**Type 3S Enclosure:** Intended for outdoor use primarily to provide a degree of protection against

wind-blown dust, rain, and sleet, and to provide for operation of external mechanism

when ice laden.

**Type 3X Enclosure:** Intended for outdoor use primarily to provide a degree of protection against

wind-blown dust, rain, sleet, external ice formation, and corrosion.

**Type 3SX Enclosure:** Intended for outdoor use primarily to provide a degree of protection against

wind-blown dust, rain, sleet, and corrosion, and to provide for operation of external

mechanism when ice laden.

**Type 4 Enclosure:** Intended for indoor or outdoor use primarily to provide a degree of protection against

wind-blown dust and rain, splashing water and hose-directed water.

**Type 4X Enclosure:** Intended for indoor or outdoor use primarily to provide a degree of protection against

corrosion, wind-blown dust and rain, splashing water and hose-directed water.

**Type 6 Enclosure:** Intended for indoor or outdoor use primarily to avoid a degree of protection against

contact with enclosed equipment, falling dirt, hose-directed water, entry of water

during occasional temporary submersion at a limited depth and external ice formation.

**Type 6P Enclosure:** Intended for indoor or outdoor use primarily to provide a degree of protection against

contact with enclosed equipment, falling dirt, hose-directed water, entry of water

during prolonged submersion at a limited depth and external ice formation.

**Type 12 Enclosure:** Intended for indoor use primarily to provide a degree of protection against dust,

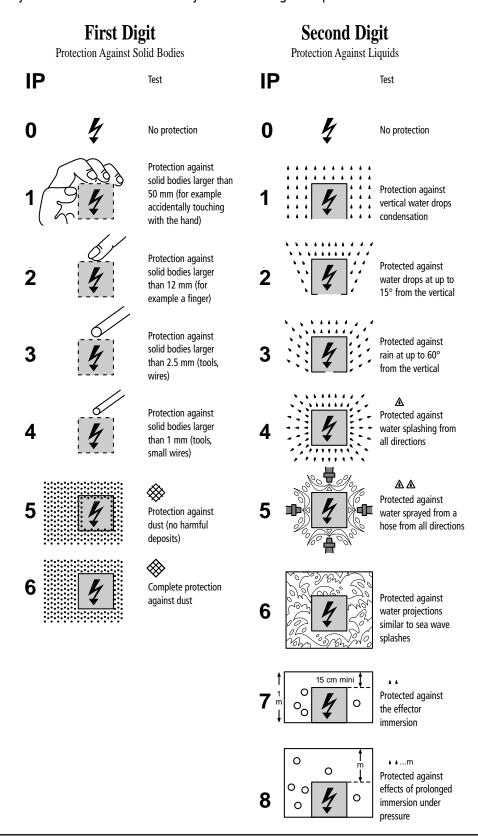
falling dirt and dripping noncorrosive liquids.

**Type 13 Enclosure:** Intended for indoor use primarily to provide a degree of protection against dust,

spraying of water, oil and noncorrosive coolant.

## **International Standards IP Protection Classification Data**

The letters IP followed by three characteristic numbers symbolize the degree of protection.



### **Clearance Holes For Carflex® Fittings or PVC Male Terminal Adapters**

Carflex Fittings & PVC Male Terminal Adapters Trade Sizes	Nominal Size (in.)	Actual Size (in.)	Actual Size (mm)
1/2	.875	.879	22.4
3/4	1.093	1.107	28.2
1	1.344	1.357	34.6
1 1/4	1.813	1.699	43.2
1 1/2	1.938	1.949	49.6
2	2.375	2.413	61.5
2 1/2	2.875	2.914	74.0
3	3.5	3.539	89.8
3 1/2	4	4.044	102.7
4	4.5	4.544	115.4
5	5.625	5.675	143.7

## **Engineering Properties Of Enclosures**

	Test	Opaque Polycarbonate	Clear Polycarbonate	
Property	Method	Covers & Boxes	Cover	FRP
Thermal And Mechanical				
Temperature Range (°F)	-	-30° to 230°	-30° to 230°	-58° to 320°
Specific Gravity (oz./in³)	ASTM D792	1.20	1.20	1.79
Thermal Conductivity (BTU•in/hr•ft²•°F)	ASTM D177	1.35	1.35	1.68
Heat Deflection Temperature @ 264 PSI (°F)	ASTM D648	265	260	392
Tensile Strength (PSI)	ASTM D638	8,800	9,000	13,000
Flexural Strength (PSI)	ASTM D790	13,500	14,000	19,000
Compressive Strength @ 10% Deformation (PSI)	ASTM D695	12,500	12,500	24,000
Impact Strength IZOD Notched (ft.lbs./in.)	ASTM D256	12	12	12
Water Absorption – 24 hrs. @ 73°F (%)	ASTM D570	0.15	0.15	0.17
Electrical				
Dielectric Strength (VOLTS/MIL.)	ASTM D149	380	380	467
Dielectric Constant	ASTM D150			
60 Hz		3.0	3.0	-
100 Hz		-	-	-
106		2.96	2.96	-
Volume Resistivity @ 73°F (OHM-CM)	ASTM D257	>1016	>1016	2.0 x 10 <sup>15</sup>
Arc Resistance (SEC)	ASTM D495	120	120	200+

Environmental Resistance Table: E-Excellent, G-Good, L-Limited, U-Unsatisfactory

Ch	nemical	PVC Himeline HE - Opaque Cover w/Base	Polycarbonate Circuit Safe NEMA Circuit Safe JIC Himeline HE - Clear Cover w/Base Himeline HS - Opaque w/Clear Lids	FRP (Fiberglass Reinforced Polyester) Himeline HS - Bases Himeline HP Himeline HLA/HLS Himeline HLP	Noryl Circuit Safe Medium JIC
Accordance	etaldehyde etamide etamide etamide etate Solvent etic Acid etic Acid 20% etic Acid 80% etic Acid, Glacial etic Anhydride etone etyl Bromide etyl Chloride (dry) etylene rylonitrile ipic Acid cohols:Amyl cohols:Benzyl cohols:Benzyl cohols:Benzyl cohols:Hexyl cohols:Hexyl cohols:Hexyl cohols:Hexyl cohols:Hexyl cohols:Hexyl cohols:Hexyl cohols:Hexyl cohols:Popyl cohols:Propyl cohol		LU · GEGGUU · UUU · G · E · G · · EG · · EE · GEEEEUU · UU ·		
An An An	iline Iiline Hydrochloride tifreeze timony Trichloride ua Regia (80% HCl, 20% HNO3)	L G E L	U U - E U	U - - E -	U - E E U

Chemical	PVC Himeline HE - Opaque Cover w/Base	Polycarbonate Circuit Safe NEMA Circuit Safe JIC Himeline HE - Clear Cover w/Base Himeline HS - Opaque w/Clear Lids	FRP (Fiberglass Reinforced Polyester) Himeline HS - Bases Himeline HP Himeline HLA/HLS Himeline HLP	Noryl Circuit Safe Medium JIC
Aromatic Hydrocarbons	U	-	-	U
Arsenic Acid	E	E	-	E
Arsenic Salts	l E	-		
Asphalt	Ē	U	_	
Barium Carbonate	Ē	Ĕ	E	E
Barium Chloride	Ė	Ē	Ė	Ė
	Ü			
Barium Cyanide				-
Barium Hydroxide	Ē	U	U	Ē
Barium Nitrate	E	U	-	E
Barium Sulfate	G	U	E	E
Barium Sulfide	E	-	E	E
Beer	E	E	-	E
Beet Sugar Liquids	l E	-	-	E
Benzaldehyde	Ū	U	l u	Ğ
Benzene	ΙĽ	ľ	Ιι	Ŭ
Benzene Sulfonic Acid	Ė	l ü	Ė	Ē
Benzoic Acid	Ė	Ğ		G
Benzol	-	Ü	_	G
	-		-	
Benzonitrile	-	E	-	-
Benzyl Chloride	1 :	-	-	U
Bleaching Liquors	E	-	-	-
Borax (Sodium Borate)	E	-	-	E
Boric Acid	E	-	E	E
Bromine	L	L	-	E
Butadiene	l L	U	-	U
Butane	Ī	Ū	_	Ü
Butanol (Butyl Alcohol)	Ī	Ğ	_	Ě
Butyl Amine	Ιΰ	l ü	_	บั
Butyl Ether	l ĕ	_	_	Ŭ
Butyl Phthalate	-	U		Ĕ
	Ū	ľ	Ü	G
Butylacetate	E E	Ü	l <sup>0</sup>	
Butylene		_	-	-
Butyric Acid	G	U	-	U
Calcium Bisulfate		U	-	
Calcium Bisulfide	E	<u>.</u>	-	E
Calcium Bisulfite	G	U	-	E
Calcium Carbonate	E	L	E	E
Calcium Chlorate	G	-	E	-
Calcium Chloride	L	-	E	E
Calcium Hydroxide	G	U	U	E
Calcium Hypochlorite	Ğ	Ū	Ĺ	E
Calcium Nitrate	Ĕ	Ĕ	l Ē	E
Calcium Oxide	Ğ	-		E E
Calcium Sulfate	Ğ	E	E	Ē
Calgon	-	-	:	Ē
Cane Juice	E		l .	-
Carbolic Acid (Phenol)	Ü	Ū	]	U
	ľű	U	l i	
Carbon Bisulfide		•	L	E
Carbon Dioxide (dry)	E	-	· ·	E
Carbon Dioxide (wet)	E	,,	· ·	E U
Carbon Disulfide	Ñ	U	·	Ū
Carbon Monoxide	E	-	:	E
Carbon Tetrachloride	U	U	E	Ū
Carbon Tetrachloride (dry)	-	-	-	U
Carbon Tetrachloride (wet)	-	-	-	Ü
Carbonated Water	E	-	-	E
Carbonic Acid	E	E	-	E
Catsup	Ē	-		E E
Chloric Acid	Ē	-		Ū
Chlorine (dry)	lū			Ğ
Ciliotine (ury)				J

Environmental Resistance Table: E-Excellent, G-Good, L-Limited, U-Unsatisfactory

Chemical	PVC Himeline HE - Opaque Cover w/Base	Polycarbonate Circuit Safe NEMA Circuit Safe JIC Himeline HE - Clear Cover w/Base Himeline HS - Opaque w/Clear Lids	FRP (Fiberglass Reinforced Polyester) Himeline HS - Bases Himeline HP Himeline HLA/HLS Himeline HLP	Noryl Circuit Safe Medium JIC
Chemical  Chlorine Water Chlorine, Anhydrous Liquid Chloroacetic Acid Chlorobenzene (Mono) Chlorosulfonic Acid Chocolate Syrup Chromic Acid 30% Chromic Acid 30% Chromic Acid 5% Chromic Acid 5% Chromic Acid 50% Copper Chloride Copper Fluoborate Copper Sulfate 55% Crosols Cresols Cresols Cresols Cresolic Acid Cyclohexane Cyclohexane Cyclohexane Cyclohexane Diethyle Acid Dichlorobenzene Dichloroethane Dietsel Fuel Diethyl Ether Diethyl Ether Diethylene Glycol Dimethyl Aniline Dimethyl Formamide Diphenyl Oxide Dyes Epsom Salts (Magnesium Sulfate) Ethanol	Himeline HE - Opaque Cover	Circuit Safe NEMA Circuit Safe JIC Himeline HE - Clear Cover w/Base Himeline HS -	(Fiberglass Reinforced Polyester) Himeline HS - Bases Himeline HP Himeline HLA/HLS	Circuit Safe Medium JIC  L G . U . E E U . E E E E U U . E E U . E U . E E U . E E E E
Ethanolamine Ether Ethyl Acetate Ethyl Benzoate Ethyl Chloride Ethyl Ether Ethylene Bromide Ethylene Chloride Ethylene Chloride Ethylene Diamine Ethylene Diamine Ethylene Glycol Ethylene Glycol Ethylene Oxide Fatty Acids Ferric Chloride Ferric Sulfate Ferric Sulfate Ferrous Chloride				

Chemical	PVC Himeline HE - Opaque Cover w/Base	Polycarbonate Circuit Safe NEMA Circuit Safe JIC Himeline HE - Clear Cover w/Base Himeline HS - Opaque w/Clear Lids	FRP (Fiberglass Reinforced Polyester) Himeline HS - Bases Himeline HP Himeline HLA/HLS Himeline HLP	Noryl Circuit Safe Medium JIC
Ferrous Sulfate Fluoboric Acid Fluorine	E E U	E - L	E - -	E E -
Fluosilicic Acid Formaldehyde 100%	U E	E E	-	E
Formaldehýde 40% Formic Acid Freon 113	E E G	E E G	E L -	E E U
Freon 12 Freon 22	E E	-	-	U G
Freon TF Freon® 11 Fuel Oils	G E E	- - G	- - -	- G G
Furan Resin Furfural	E U	U	- L	- U
Gallic Acid Gasoline (high-aromatic) Gasoline, leaded, ref.	G E G	E E	- - E	E G G
Gasoline, unleaded Gelatin Glucose	L G E	E - E	- - E	U E E
Glue, P.V.A. Glycerin	L E	E	- E	E
Glycolic Acid Grease Heptane	G E L	- - G	- - E	- - G
Hexane Hydraulic Oil (Petro) Hydraulic Oil (Synthetic)	G E E	U -	U -	G -
Hydrazine Hydrobromic Acid 100%	- E	U -	-	- G
Hydrobromic Acid 20% Hydrochloric Acid 100% Hydrochloric Acid 20%	G U E	- U G	- - E	G E F
Hydrochloric Acid 37% Hydrochloric Acid, Dry Gas	G E G	Ü -	Ĺ -	E E E
Hydrocyanic Acid Hydrocyanic Acid (Gas 10%) Hydrofluoric Acid 100%	E L	G U	-	L
Hydrofluoric Acid 20% Hydrofluoric Acid 50% Hydrofluoric Acid 75%	G G L	U U U	- - -	L U U
Hydrofluosilicic Acid 100% Hydrofluosilicic Acid 20%	G E	-	-	G G
Hydrogen Gas Hydrogen Peroxide 10% Hydrogen Peroxide 100%	E E E	E E E		E E E
Hydrogen Peroxide 30% Hydrogen Peroxide 50% Hydrogen Sulfide (aqua)	E E G	E E E	E E -	E - E
Hydrogen Sulfide (dry) Hydroquinone	E G	-	-	-
Hydroxyacetic Acid 70% Ink Iodine	U L E	-	- -	- - L
Iodine (in alcohol) Iodoform Isooctane	E E E	- - G	- - -	- - U
Isopropyl Acetate Isopropyl Ether	Ü	U	-	-

**Environmental Resistance Table:** E-Excellent, G-Good, L-Limited, U-Unsatisfactory

Chemical	PVC Himeline HE - Opaque Cover w/Base	Polycarbonate Circuit Safe NEMA Circuit Safe JIC Himeline HE - Clear Cover w/Base Himeline HS - Opaque w/Clear Lids	FRP (Fiberglass Reinforced Polyester) Himeline HS - Bases Himeline HLP Himeline HLA/HLS Himeline HLP	Noryl Circuit Safe Medium JIC
Isotane Jet Fuel (JP3, JP4, JP5) Kerosene Ketones Lacquer Thinners Lacquers Lactic Acid Lard Lead Acetate Lead Nitrate Lead Sulfamate Lime Linoleic Acid Lithium Chloride Lithium Hydroxide Lubricants Lye: Ca(OH)2 Calcium Hydroxide Lye: NaOH Sodium Hydroxide Lye: NaOH Sodium Hydroxide Magnesium Bisulfate Magnesium Carbonate Magnesium Oxide Magnesium Witrate Magnesium Oxide Magnesium Sulfate (Epsom Salts) Maleic Acid Malic Acid Manganese Sulfate Mayonnaise Melamine Mercuric Chloride (dilute) Mercuric Cyanide Mercurous Nitrate Mercurous Nitrate Mercury Methane Methyl Acetate Methyl Acetone Methyl Acetone Methyl Romide Methyl Stololololo Methyl Butyl Ketone Methyl Cellosolve Methyl Chloride Methyl Sobutyl Ketone Methyl Isobutyl Ketone Methyl Isopropyl Ketone Methyl Spirits Monochloroacetic acid Monoethanolamine				
Morpholine Motor oil Naphtha Naphthalene Natural Gas Nickel Chloride	G E U E	U E G - -	- E - -	U E U U

	•		• • •	
Chemical	PVC Himeline HE - Opaque Cover w/Base	Polycarbonate Circuit Safe NEMA Circuit Safe JIC Himeline HE - Clear Cover w/Base Himeline HS - Opaque w/Clear Lids	FRP (Fiberglass Reinforced Polyester) Himeline HS - Bases Himeline HP Himeline HLA/HLS Himeline HLP	<b>Noryl</b> Circuit Safe Medium JIC
Nickel Nitrate	E	U	-	E
Nickel Sulfate	Ē	Ē	-	E
Nitrating Acid (<15% HNO3)	U	-	-	-
Nitrating Acid (>15% H2SO4)	U	-	-	-
Nitrating Acid (_1% Acid) Nitrating Acid (_15% H2SO4)	U U	-	-	-
Nitric Acid (20%)	E E	G	G	G
Nitric Acid (50%)	Ğ	Ğ	-	G
Nitric Acid (5-10%)	Ē	Ē	-	E
Nitric Acid (Concentrated)	G	L	-	G
Nitrobenzene	U	U	L	U
Nitromethane Nitrous Acid	G E	U	-	U
Nitrous Oxide	E E			
Oils:Aniline	Ū	_	-	U
Oils:Citric	Ğ	E	-	E
Oils:Creosote	L	-	-	U
Oils:Diesel Fuel (20, 30, 40, 50)	G	-	-	ñ
Oils:Fuel (1, 2, 3, 5A, 5B, 6)	E E	G	-	E
Oils:Hydraulic Oil (Petro) Oils:Hydraulic Oil (Synthetic)	E	_		
Oils:Mineral	Ğ	G	_	Е
Oils:Olive	Ľ	Ĕ	-	Ē
Oils:Orange	L	L	-	-
Oils:Pine	Ų	E	-	-
Oils:Rosin Oils:Silicone	L E	-	-	- -
Oils:Silicone Oils:Transformer	G			E .
Oils:Turbine	Ē	_	_	_
Oleic Acid	Ī	-	E	E
Oleum 100%	U	-	-	E
Oleum 25%	Ü	-		-
Oxalic Acid (cold) Ozone	G G	E E	E	E -
Palmitic Acid	G	-	-	_
Paraffin	Ğ	E	-	E
Pentane	E	E	-	-
Perchloric Acid	L		-	
Perchloroethylene Petrolatum	L G	U	-	U
Petroleum	-	-	-	U
Phenol (10%)	L	G	L	Ŭ
Phenol (Carbolic Acid)	U	U	-	U
Phosphoric Acid (>40%)	G	Ē	-	Ē
Phosphoric Acid (crude)	G U	E	-	E
Phosphoric Acid (molten) Phosphoric Acid (_40%)	G	E E		E
Phosphoric Acid Anhydride	-	l บ้	-	-
Phosphorus	E	-	-	-
Phosphorus Trichloride	U	L	-	_
Photographic Developer	E	E	-	E
Photographic Solutions  Photographic Aphydrida	E U	E E	-	E -
Phthalic Anhydride Picric Acid	U	U	l :	
Potash (Potassium Carbonate)	Ė	-	Ĺ	E
Potassium Bicarbonate	E	-	<u>-</u>	Ē
Potassium Bromide	E	E	-	E E
Potassium Chlorate	E	E	- -	E
Potassium Chloride Potassium Chromate	E E	E	E E	E E
rotassium Cimonidie	I [	•		[

Environmental Resistance Table: E-Excellent, G-Good, L-Limited, U-Unsatisfactory

Chemical	PVC Himeline HE - Opaque Cover w/Base	Polycarbonate Circuit Safe NEMA Circuit Safe JIC Himeline HE - Clear Cover w/Base Himeline HS - Opaque w/Clear Lids	FRP (Fiberglass Reinforced Polyester) Himeline HS - Bases Himeline HP Himeline HLA/HLS Himeline HLP	Noryl Circuit Safe Medium JIC
Potassium Cyanide Solutions	E	-	-	Е
Potassium Dichromate	Ē	E	-	E
Potassium Ferricyanide	E E	-	E E	E E
Potassium Ferrocyanide Potassium Hydroxide (Caustic Potash)	E E	U	L	E
Potassium Hypochlorite	Ğ	-	-	-
Potassium Iodide	E	_	-	-
Potassium Nitrate Potassium Oxalate	E -	E .	E .	E -
Potassium Permanganate	E	E E	E	E
Potassium Sulfate	E	Ē	Ē	E
Potassium Sulfide	E	:	-	Ē
Propane (liquefied) Propylene	E G	L	-	E
Propylene Glycol	Ĺ	G	-	-
Pyridine	U	Ü	-	G
Pýrogallic Acid	E	-	-	-
Resorcinal Rosins	L L	G -	-	-
Salicylic Acid	Ğ	E	-	-
Salt Brine (NaCl saturated)	E	E	-	E
Sea Water	E E	E	-	E E
Silicone Silver Bromide		E .	-	E
Silver Nitrate	E	E	-	E
Soap Solutions	E	E	-	E
Soda Ash (see Sodium Carbonate) Sodium Acetate	E G	E E	- E	E E
Sodium Aluminate	-	-		E
Sodium Benzoate	G	E	-	-
Sodium Bicarbonate	Ē	Ē	E	Ē
Sodium Bisulfate Sodium Bisulfite	E E	E E	-	E E
Sodium Borate (Borax)	Ē	Ė	-	Ë
Sodium Bromide	G	-	E	E
Sodium Carbonate	E	E		E
Sodium Chlorate Sodium Chloride	E E	E E	E E	E E
Sodium Chromate	-	Ē	-	E
Sodium Cyanide	E	-	-	E
Sodium Ferrocyanide Sodium Fluoride	E E	-	E	E E
Sodium Hydrosulfite			-	-
Sodium Hydroxide (20%)	Ē	E	U	E
Sodium Hydroxide (50%)	E	U	U	E
Sodium Hydroxide (80%) Sodium Hypochlorite (<20%)	E E	U L	U L	E E
Sodium Hypochlorite (100%)	Ğ	-	-	Ē
Sodium Metaphosphate	l E	-	-	-
Sodium Metasilicate	E	-	-	-
Sodium Nitrate Sodium Perborate	E E	-	U	E E
Sodium Peroxide	G	E	-	
Sodium Polyphosphate	l E	-	-	E E E
Sodium Silicate Sodium Sulfate	E E	- E	- E	E
Sodium Sulfide	E	U	U	E F
Sodium Sulfite	E	-	Ē	Ē
Sodium Tetraborate	E		-	E
Sodium Thiosulfate (hypo)	E	U	-	E