Ultra-Containment Berm

Chemical Compatibility Guide

Chemical	XR5	CP2K*	PVC	Chemical	XR5	CP2K*	PVC
Acetaldehyde	T	T	D	**Melamine**	T	T	D
Acetamide	T	T	D	**Mercuric Chloride (dilute)**	T	T	A
Acetate Solvent	T	T	D	**Mercuric Cyanide**	T	T	A
Acetic Acid	B	B	D	**Mercurous Nitrate**	T	T	A
Acetic Acid 20%	C	C	D	**Mercury**	T	T	A
Acetic Acid 80%	D	D	C	**Methane**	T	T	B
Acetic Acid, Glacial	T	T	D	**Methanol (Methyl Alcohol)**	A	A	A
Acetic Anhydride	T	T	D	**Methyl Acetate**	T	T	D
Acetone	T	T	D	**Methyl Acetone**	T	T	D
Acetyl Bromide	T	T	D	**Methyl Acrylate**	T	T	T
Acetyl Chloride (dry)	T	T	C	**Methyl Alcohol 10%**	T	T	A
Acetylene	T	T	A	**Methyl Bromide**	T	T	D
Acrylonitrile	T	T	B	**Methyl Butyl Ketone**	T	T	A
Adipic Acid	T	T	A	**Methyl Cellosolve**	T	T	D
AFFF	A	A	T	**Methyl Chloride**	T	T	D
Alcohols:Amyl	T	T	A	**Methyl Dichloride**	T	T	A
Alcohols:Benzyl	T	T	D	**Methyl Ethyl Ketone**	T	T	D
Alcohols:Butyl	T	T	A	**Methyl Ethyl Ketone Peroxide**	T	T	T
Alcohols:Diacetone	T	T	B	**Methyl Isobutyl Ketone**	T	T	D
Alcohols:Ethyl	T	T	C	**Methyl Isopropyl Ketone**	T	T	D
Alcohols:Hexyl	T	T	A	**Methyl Methacrylate**	T	T	A
Alcohols:Isobutyl	T	T	A	**Methylamine**	T	T	D
Alcohols:Isopropyl	T	T	A	**Methylene Chloride**	T	T	D
Alcohols:Methyl	T	T	A	**Milk**	T	T	A
Alcohols:Octyl	T	T	T	**Mineral Spirits**	A	A	A
Alcohols:Propyl	T	T	A	**Molasses**	T	T	A
Aluminum Chloride	T	T	A	**Monochloroacetic acid**	T	T	T

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Aluminum Chloride 20%	T	T	A	**Monoethanolamine**	T	T	D
Aluminum Fluoride	T	T	A	**Morpholine**	T	T	T
Aluminum Hydroxide	T	T	A	**Motor oil**	T	T	B
Aluminum Nitrate	T	T	B	**Mustard**	T	T	B
Aluminum Potassium Sulfate 10%	T	T	A	**Naphtha**	A	A	A
Aluminum Potassium Sulfate 100%	T	T	A	**Naphthalene**	T	T	D
Aluminum Sulfate	T	T	A	**Natural Gas**	T	T	A
Alums	T	T	T	**Nickel Chloride**	T	T	A
Amines	T	T	D	**Nickel Nitrate**	T	T	A
Ammonia 10%	T	T	B	**Nickel Sulfate**	T	T	A
Ammonia Nitrate	T	T	B	**Nitrating Acid (<15% HNO3)**	T	T	D
Ammonia, anhydrous	T	T	A	**Nitrating Acid (>15% H2SO4)**	T	T	D
Ammonia, liquid	T	T	A	**Nitrating Acid (S1% Acid)**	T	T	D
Ammonium Acetate	T	T	A	**Nitrating Acid (S15% H2SO4)**	T	T	D
Ammonium Bifluoride	T	T	A	**Nitric Acid (20%)**	T	T	A
Ammonium Carbonate	T	T	A	**Nitric Acid (50%)**	D	D	B
Ammonium Caseinate	T	T	T	**Nitric Acid (5-10%)**	C	C	A
Ammonium Chloride	T	T	A	**Nitric Acid (Concentrated)**	T	T	B
Ammonium Hydroxide	A	A	A	**Nitrobenzene**	T	T	D
Ammonium Nitrate	T	T	A	**Nitrogen Fertilizer**	T	T	T
Ammonium Oxalate	T	T	A	**Nitromethane**	T	T	B
Ammonium Persulfate	T	T	A	**Nitrous Acid**	T	T	A
Ammonium Phosphate, Dibasic	T	T	A	**Nitrous Oxide**	T	T	A
Ammonium Phosphate, Monobasic	T	T	A	**Oils:Aniline**	T	T	D
Ammonium Phosphate, Tribasic	T	T	A	**Oils:Anise**	T	T	T

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Ammonium Sulfate	T	T	A	**Oils:Bay**	T	T	T
Ammonium Sulfite	T	T	A	**Oils:Bone**	T	T	T
Ammonium Thiosulfate	T	T	T	**Oils:Castor**	T	T	A
Amyl Acetate	T	T	D	**Oils:Cinnamon**	T	T	D
Amyl Alcohol	T	T	A	**Oils:Citric**	T	T	B
Amyl Chloride	T	T	D	**Oils:Clove**	T	T	T
Aniline	T	T	C	**Oils:Coconut**	T	T	A
Aniline Hydrochloride	T	T	B	**Oils:Cod Liver**	T	T	A
Animal Oil	A	A	T	**Oils:Corn**	A	A	B
Antifreeze	A	A	A	**Oils:Cottonseed**	T	T	B
Antimony Trichloride	T	T	A	**Oils:Creosote**	T	T	C
Aqua Regia (80% HCl, 20% HNO3)	T	T	C	**Oils:Crude**	A	A	T
Arochlor 1248	T	T	T	**Oils:Diesel Fuel (20, 30, 40, 50)**	A	A	B
Aromatic Hydrocarbons	D	D	D	**Oils:Fuel (1, 2, 3, 5A, 5B, 6)**	T	T	A
Arsenic Acid	T	T	A	**Oils:Ginger**	T	T	T
Arsenic Salts	T	T	A	**Oils:Hydraulic Oil (Petro)**	A	A	A
Asphalt	T	T	A	**Oils:Hydraulic Oil (Synthetic)**	D	D	A
ASTM Oil #2 (Flash pt. 240º C)	A	A	T	**Oils:Lemon**	T	T	T
ASTM Oil #3	A	A	T	**Oils:Linseed**	A	A	A
Barium Carbonate	T	T	A	**Oils:Mineral**	T	T	B
Barium Chloride	T	T	A	**Oils:Olive**	T	T	C
Barium Cyanide	T	T	D	**Oils:Orange**	T	T	C
Barium Hydroxide	T	T	A	**Oils:Palm**	T	T	A
Barium Nitrate	T	T	A	**Oils:Peanut**	T	T	A
Barium Sulfate	T	T	B	**Oils:Peppermint**	T	T	T
Barium Sulfide	T	T	A	**Oils:Pine**	T	T	D
Beer	T	T	A	**Oils:Rapeseed**	T	T	T
Beet Sugar Liquids	T	T	A	**Oils:Rosin**	T	T	C
Benzaldehyde	T	T	D	**Oils:SAE-30**	A	A	T
Benzene	T	T	C	**Oils:Sesame Seed**	T	T	A
Benzene Sulfonic Acid	T	T	A	**Oils:Silicone**	T	T	A
Benzoic Acid	T	T	A	**Oils:Soybean**	T	T	A
Benzol	T	T	T	**Oils:Sperm (whale)**	T	T	T
Benzonitrile	T	T	T	**Oils:Tanning**	T	T	T
Benzyl Chloride	T	T	T	**Oils:Transformer**	A	A	B

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Bleaching Liquors	T	T	A	**Oils:Turbine**	T	T	A
Borax (Sodium Borate)	T	T	A	**Oleic Acid**	T	T	C
Boric Acid	T	T	A	**Oleum 100%**	T	T	D
Brewery Slop	T	T	T	**Oleum 25%**	T	T	D
Bromine	T	T	C	**Oxalic Acid (cold)**	T	T	B
Butadiene	T	T	C	**Ozone**	T	T	B
Butane	T	T	C	**Palmitic Acid**	T	T	B
Butanol (Butyl Alcohol)	T	T	C	**Paraffin**	T	T	B
Butter	T	T	T	**Pentane**	T	T	A
Buttermilk	T	T	A	**Perchloric Acid**	T	T	C
Butyl Amine	T	T	D	**Perchloroethylene**	D	D	C
Butyl Ether	T	T	A	**Petrolatum**	T	T	B
Butyl Phthalate	T	T	T	**Petroleum**	T	T	T
Butylacetate	T	T	D	**Phenol (10%)**	T	T	C
Butylene	T	T	A	**Phenol (Carbolic Acid)**	T	T	D
Butyric Acid	T	T	B	**Phenol Formaldehyde**	C	C	T
Calcium Bisulfate	T	T	T	**Phosphoric Acid (>40%)**	T	T	B
Calcium Bisulfide	T	T	A	**Phosphoric Acid (crude)**	T	T	B
Calcium Bisulfite	T	T	B	**Phosphoric Acid (molten)**	T	T	D
Calcium Carbonate	T	T	A	**Phosphoric Acid (S40%)**	T	T	B
Calcium Chlorate	T	T	B	**Phosphoric Acid Anhydride**	T	T	T
Calcium Chloride	T	T	C	**Phosphorus**	T	T	A
Calcium Hydroxide	T	T	B	**Phosphorus Trichloride**	T	T	D
Calcium Hypochlorite	T	T	B	**Photographic Developer**	T	T	A
Calcium Nitrate	T	T	A	**Photographic Solutions**	T	T	A
Calcium Oxide	T	T	B	**Phthalic Acid**	T	T	T
Calcium Sulfate	T	T	B	**Phthalic Anhydride**	T	T	D
Calgon	T	T	T	**Picric Acid**	T	T	D
Cane Juice	T	T	A	**Plating Solutions, Antimony Plating 130°F**	T	T	A
Carbolic Acid (Phenol)	T	T	D	**Plating Solutions, Arsenic Plating 110°F**	T	T	A

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Carbon Bisulfide	T	T	D	**Plating Solutions, Brass Plating: High-Speed Brass Bath 110°F**	T	T	A
Carbon Dioxide (dry)	T	T	A	**Plating Solutions, Brass Plating: Regular Brass Bath 100°F**	T	T	A
Carbon Dioxide (wet)	T	T	A	**Plating Solutions, Bronze Plating: Cu-Cd Bronze Bath R.T.**	T	T	A
Carbon Disulfide	T	T	D	**Plating Solutions, Bronze Plating: Cu-Sn Bronze Bath 160°F**	T	T	D
Carbon Monoxide	T	T	A	**Plating Solutions, Bronze Plating: Cu-Zn Bronze Bath 100°F**	T	T	A
Carbon Tetrachloride	T	T	D	**Plating Solutions, Cadmium Plating: Cyanide Bath 90°F**	T	T	A
Carbon Tetrachloride (dry)	T	T	T	**Plating Solutions, Cadmium Plating: Fluoborate Bath 100°F**	T	T	A
Carbon Tetrachloride (wet)	T	T	T	**Plating Solutions, Chromium Plating: Barrel Chrome Bath 95°F**	T	T	A
Carbonated Water	T	T	A	**Plating Solutions, Chromium Plating: Black Chrome Bath 115°F**	T	T	A
Carbonic Acid	T	T	A	**Plating Solutions, Chromium Plating: Chromic-Sulfuric Bath 130°F**	T	T	A
Catsup	T	T	A	**Plating Solutions, Chromium Plating: Fluoride Bath 130°F**	T	T	A
Chloric Acid	T	T	A	**Plating Solutions, Chromium Plating: Fluosilicate Bath 95°F**	T	T	A

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Chlorinated Glue	T	T	T	**Plating Solutions, Copper Plating (Acid): Copper Fluoborate Bath 120°F**	T	T	A
Chlorine (dry)	T	T	D	**Plating Solutions, Copper Plating (Acid): Copper Sulfate Bath R.T.**	T	T	A
Chlorine Solution 20%	A	A	T	**Plating Solutions, Copper Plating (Cyanide): Copper Strike Bath 120°F**	T	T	A
Chlorine Water	T	T	A	**Plating Solutions, Copper Plating (Cyanide): High-Speed Bath 180°F**	T	T	D
Chlorine, Anhydrous Liquid	T	T	D	**Plating Solutions, Copper Plating (Cyanide): Rochelle Salt Bath 150°F**	T	T	D
Chloroacetic Acid	T	T	B	**Plating Solutions, Copper Plating (Misc): Copper (Electroless)**	T	T	A
Chlorobenzene (Mono)	T	T	D	**Plating Solutions, Copper Plating (Misc): Copper Pyrophosphate**	T	T	A
Chlorobromomethane	T	T	D	**Plating Solutions, Gold Plating: Acid 75°F**	T	T	A
Chloroform	T	T	D	**Plating Solutions, Gold Plating: Cyanide 150°F**	T	T	D
Chlorosulfonic Acid	T	T	D	**Plating Solutions, Gold Plating: Neutral 75°F**	T	T	A
Chocolate Syrup	T	T	T	**Plating Solutions, Indium Sulfamate Plating R.T.**	T	T	A

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Chromic Acid 10%	T	T	A	**Plating Solutions, Iron Plating: Ferrous Am Sulfate Bath 150°F**	T	T	D
Chromic Acid 30%	T	T	A	**Plating Solutions, Iron Plating: Ferrous Chloride Bath 190°F**	T	T	D
Chromic Acid 5%	T	T	A	**Plating Solutions, Iron Plating: Ferrous Sulfate Bath 150°F**	T	T	D
Chromic Acid 50%	T	T	D	**Plating Solutions, Iron Plating: Fluoborate Bath 145°F**	T	T	D
Chromium Salts	T	T	A	**Plating Solutions, Iron Plating: Sulfamate 140°F**	T	T	A
Cider	T	T	A	**Plating Solutions, Iron Plating: Sulfate-Chloride Bath 160°F**	T	T	D
Citric Acid	T	T	B	**Plating Solutions, Lead Fluoborate Plating**	T	T	A
Citric Oils	T	T	T	**Plating Solutions, Nickel Plating: Electroless 200°F**	T	T	D
Clorox (Bleach)	A	A	A	**Plating Solutions, Nickel Plating: Fluoborate 100-170°F**	T	T	A
Coffee	T	T	T	**Plating Solutions, Nickel Plating: High-Chloride 130-160°F**	T	T	D
Copper Chloride	T	T	A	**Plating Solutions, Nickel Plating: Sulfamate 100-140°F**	T	T	A
Copper Cyanide	T	T	A	**Plating Solutions, Nickel Plating: Watts Type 115-160°F**	T	T	D

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Copper Fluoborate	T	T	A	**Plating Solutions, Rhodium Plating 120°F**	T	T	A
Copper Nitrate	T	T	A	**Plating Solutions, Silver Plating 80-120°F**	T	T	A
Copper Sulfate >5%	T	T	A	**Plating Solutions, Tin-Fluoborate Plating 100°F**	T	T	A
Copper Sulfate 5%	T	T	A	**Plating Solutions, Tin-Lead Plating 100°F**	T	T	A
Cream	T	T	T	**Plating Solutions, Zinc Plating: Acid Chloride 140°F**	T	T	A
Cresols	T	T	D	**Plating Solutions, Zinc Plating: Acid Fluoborate Bath R.T.**	T	T	A
Cresylic Acid	T	T	D	**Plating Solutions, Zinc Plating: Acid Sulfate Bath 150°F**	T	T	D
Cupric Acid	T	T	A	**Plating Solutions, Zinc Plating: Alkaline Cyanide Bath R.T.**	T	T	A
Cyanic Acid	T	T	T	**Potash (Potassium Carbonate)**	T	T	A
Cyclohexane	T	T	D	**Potassium Bicarbonate**	T	T	A
Cyclohexanone	T	T	D	**Potassium Bromide**	T	T	A
Detergents	T	T	A	**Potassium Chlorate**	T	T	A
Diacetone Alcohol	T	T	D	**Potassium Chloride**	T	T	A
Dichlorobenzene	T	T	D	**Potassium Chromate**	T	T	A
Dichloroethane	T	T	D	**Potassium Cyanide Solutions**	T	T	A
Diesel Fuel	A	A	A	**Potassium Dichromate**	T	T	A
Diethyl Ether	T	T	D	**Potassium Ferricyanide**	T	T	A
Diethylamine	T	T	D	**Potassium Ferrocyanide**	T	T	A
Diethylene Glycol	T	T	C	**Potassium Hydroxide (Caustic Potash)**	T	T	A

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Dimethyl Aniline	T	T	D	**Potassium Hypochlorite**	T	T	B
Dimethyl Formamide	T	T	D	**Potassium Iodide**	T	T	A
Diphenyl	T	T	T	**Potassium Nitrate**	T	T	A
Diphenyl Oxide	T	T	D	**Potassium Oxalate**	T	T	T
Dyes	T	T	B	**Potassium Permanganate**	T	T	A
Epsom Salts (Magnesium Sulfate)	T	T	A	**Potassium Sulfate**	T	T	A
Ethane	T	T	A	**Potassium Sulfide**	T	T	A
Ethanol	A	A	C	**Propane (liquefied)**	T	T	A
Ethanolamine	T	T	D	**Propylene**	T	T	B
Ether	T	T	D	**Propylene Glycol**	T	T	C
Ethyl Acetate	D	D	D	**Pyridine**	T	T	D
Ethyl Alcohol	A	A	T	**Pyrogallic Acid**	T	T	A
Ethyl Benzoate	T	T	D	**Resorcinal**	T	T	C
Ethyl Chloride	T	T	D	**Rosins**	T	T	C
Ethyl Ether	T	T	D	**Rum**	T	T	A
Ethyl Sulfate	T	T	T	**Rust Inhibitors**	T	T	T
Ethylene Bromide	T	T	D	**Salad Dressings**	T	T	T
Ethylene Chloride	T	T	D	**Salicylic Acid**	T	T	B
Ethylene Chlorohydrin	T	T	D	**Salt Brine (NaCl saturated)**	T	T	A
Ethylene Diamine	T	T	D	**Salt Water (25%)**	C	C	T
Ethylene Dichloride	T	T	D	**Sea Water**	A	A	A
Ethylene Glycol	T	T	A	**Shellac (Bleached)**	T	T	T
Ethylene Oxide	T	T	D	**Shellac (Orange)**	T	T	T
Fatty Acids	T	T	A	**Silicone**	T	T	A
Ferric Chloride	T	T	A	**Silver Bromide**	T	T	T
Ferric Nitrate	T	T	A	**Silver Nitrate**	T	T	A
Ferric Sulfate	T	T	A	**Soap Solutions**	T	T	A
Ferrous Chloride	T	T	A	**Soda Ash (see Sodium Carbonate)**	T	T	A
Ferrous Sulfate	T	T	A	**Sodium Acetate**	T	T	B
Fertilizer Solution	A	A	T	**Sodium Aluminate**	T	T	T
Fluoboric Acid	T	T	A	**Sodium Benzoate**	T	T	B
Fluorine	T	T	D	**Sodium Bicarbonate**	T	T	A
Fluosilicic Acid	T	T	D	**Sodium Bisulfate**	T	T	A
Formaldehyde 100%	T	T	A	**Sodium Bisulfite**	T	T	A
Formaldehyde 40%	T	T	A	**Sodium Borate (Borax)**	T	T	A
Formic Acid	T	T	A	**Sodium Bromide**	T	T	B
Freon 113	T	T	B	**Sodium Carbonate**	T	T	A

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Freon 12	T	T	A	**Sodium Chlorate**	T	T	A
Freon 22	T	T	A	**Sodium Chloride**	T	T	A
Freon TF	T	T	B	**Sodium Chromate**	T	T	T
Freonr 11	T	T	A	**Sodium Cyanide**	T	T	A
Fruit Juice	T	T	A	**Sodium Ferrocyanide**	T	T	A
Fuel Oils	A	A	A	**Sodium Fluoride**	T	T	A
Furan Resin	T	T	A	**Sodium Hydrosulfite**	T	T	C
Furfural	T	T	D	**Sodium Hydroxide (20%)**	T	T	A
Gallic Acid	T	T	B	**Sodium Hydroxide (50%)**	A	A	A
Gasoline (high-aromatic)	T	T	A	**Sodium Hydroxide (80%)**	T	T	A
Gasoline, leaded, ref.	T	T	B	**Sodium Hypochlorite (<20%)**	T	T	A
Gasoline, unleaded	T	T	C	**Sodium Hypochlorite (100%)**	T	T	B
Gelatin	T	T	B	**Sodium Hyposulfate**	T	T	T
Glucose	T	T	A	**Sodium Metaphosphate**	T	T	A
Glue, P.V.A.	T	T	C	**Sodium Metasilicate**	T	T	A
Glycerin	A	A	A	**Sodium Nitrate**	T	T	A
Glycolic Acid	T	T	B	**Sodium Perborate**	T	T	A
Gold Monocyanide	T	T	T	**Sodium Peroxide**	T	T	B
Grape Juice	T	T	A	**Sodium Polyphosphate**	T	T	A
Grease	T	T	A	**Sodium Silicate**	T	T	A
Heptane	T	T	C	**Sodium Sulfate**	T	T	A
Hexane	T	T	B	**Sodium Sulfide**	T	T	A
Honey	T	T	A	**Sodium Sulfite**	T	T	A
Hydraulic Oil (Petro)	T	T	A	**Sodium Tetraborate**	T	T	A
Hydraulic Oil (Synthetic)	T	T	A	**Sodium Thiosulfate (hypo)**	T	T	A
Hydrazine	T	T	T	**Sorghum**	T	T	T
Hydrobromic Acid 100%	T	T	A	**Soy Sauce**	T	T	T
Hydrobromic Acid 20%	T	T	B	**Stannic Chloride**	T	T	A
Hydrochloric Acid 100%	T	T	D	**Stannic Fluoborate**	T	T	T
Hydrochloric Acid 20%	A	A	A	**Stannous Chloride**	T	T	A
Hydrochloric Acid 37%	A	A	B	**Starch**	T	T	A

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Hydrochloric Acid, Dry Gas	T	T	A	**Stearic Acid**	T	T	B
Hydrocyanic Acid	T	T	B	**Stoddard Solvent**	T	T	C
Hydrocyanic Acid (Gas 10%)	T	T	A	**Styrene**	T	T	D
Hydrofluoric Acid 100%	T	T	C	**Sugar (Liquids)**	T	T	T
Hydrofluoric Acid 20%	A	A	B	**Sulfate (Liquors)**	T	T	B
Hydrofluoric Acid 50%	T	T	B	**Sulfur Chloride**	T	T	C
Hydrofluoric Acid 75%	T	T	C	**Sulfur Dioxide**	T	T	A
Hydrofluosilicic Acid 100%	T	T	B	**Sulfur Dioxide (dry)**	T	T	A
Hydrofluosilicic Acid 20%	T	T	A	**Sulfur Hexafluoride**	T	T	B
Hydrogen Gas	T	T	A	**Sulfur Trioxide**	T	T	A
Hydrogen Peroxide 10%	T	T	A	**Sulfur Trioxide (dry)**	T	T	A
Hydrogen Peroxide 100%	T	T	A	**Sulfuric Acid (<10%)**	T	T	A
Hydrogen Peroxide 30%	T	T	A	**Sulfuric Acid (10-75%)**	A	A	A
Hydrogen Peroxide 50%	T	T	A	**Sulfuric Acid (75-100%)**	T	T	D
Hydrogen Sulfide (aqua)	T	T	B	**Sulfuric Acid (cold concentrated)**	T	T	D
Hydrogen Sulfide (dry)	T	T	A	**Sulfuric Acid (hot concentrated)**	T	T	D
Hydroquinone	T	T	B	**Sulfurous Acid**	T	T	A
Hydroxyacetic Acid 70%	T	T	D	**Sulfuryl Chloride**	T	T	T
Ink	T	T	C	**Tallow**	T	T	T
Iodine	T	T	A	**Tannic Acid**	A	A	A
Iodine (in alcohol)	T	T	A	**Tanning Liquors**	T	T	A
Iodoform	T	T	A	**Tartaric Acid**	T	T	A
Isooctane	A	A	A	**Tetrachloroethane**	T	T	C
Isopropyl Acetate	T	T	D	**Tetrachloroethylene**	T	T	D
Isopropyl Ether	T	T	B	**Tetrahydrofuran**	T	T	D
Isotane	T	T	A	**Tin Salts**	T	T	A
Jet A	A	A	T	**Toluene (Toluol)**	D	D	D
Jet Fuel (JP3, JP4, JP5)	A	A	C	**Tomato Juice**	T	T	A
Kerosene	A	A	A	**Trichloroacetic Acid**	T	T	B

A = Excellent. B = Good. C = Fair. D = Severe Effect, not recommended for ANY use. T = Not Tested (See last page for more information).

Chemical	XR5	CP2K*	PVC	Chemical	XR5	CP2K*	PVC
Ketones	T	T	D	**Trichloroethane**	T	T	C
Lacquer Thinners	T	T	D	**Trichloroethylene**	T	T	D
Lacquers	T	T	D	**Trichloropropane**	T	T	T
Lactic Acid	T	T	B	**Tricresylphosphate**	T	T	D
Lard	T	T	A	**Triethylamine**	T	T	B
Latex	T	T	T	**Trisodium Phosphate**	T	T	A
Lead Acetate	T	T	B	**Turpentine**	A	A	D
Lead Nitrate	T	T	A	**Urea**	T	T	D
Lead Sulfamate	T	T	B	**Uric Acid**	T	T	A
Ligroin	T	T	T	**Urine**	T	T	A
Lime	T	T	B	**Varnish**	T	T	D
Linoleic Acid	T	T	A	**Vegetable Juice**	T	T	T
Lithium Chloride	T	T	D	**Vegetable Oil**	A	A	T
Lithium Hydroxide	T	T	T	**Vinegar**	T	T	B
Lubricants	T	T	B	**Vinyl Acetate**	T	T	D
Lye: Ca(OH)2 Calcium Hydroxide	T	T	B	**Vinyl Chloride**	T	T	D
Lye: KOH Potassium Hydroxide	T	T	B	**Water, Acid, Mine**	T	T	B
Lye: NaOH Sodium Hydroxide	T	T	A	**Water, Deionized**	T	T	A
Magnesium Bisulfate	T	T	A	**Water, Distilled**	T	T	A
Magnesium Carbonate	T	T	B	**Water, Fresh**	T	T	B
Magnesium Chloride	T	T	B	**Water, Salt**	T	T	B
Magnesium Hydroxide	T	T	A	**Weed Killers**	T	T	T
Magnesium Nitrate	T	T	A	**Whey**	T	T	T
Magnesium Oxide	T	T	T	**Whiskey & Wines**	T	T	A
Magnesium Sulfate (Epsom Salts)	T	T	A	**White Liquor (Pulp Mill)**	T	T	A
Maleic Acid	T	T	A	**White Water (Paper Mill)**	T	T	A
Maleic Anhydride	T	T	T	**Xylene**	T	T	D
Malic Acid	T	T	A	**Zinc Chloride**	T	T	B
Manganese Sulfate	T	T	C	**Zinc Hydrosulfite**	T	T	T
Mash	T	T	T	**Zinc Sulfate**	T	T	A
Mayonnaise	T	T	D				

A = Excellent. B = Good. C = Fair. D = Severe Effect, not recommended for ANY use. T = Not Tested (See last page for more information).

Ratings -- Chemical Effect

A = Excellent.

B = Good -- Minor Effect, slight corrosion or discoloration.

C = Fair -- Moderate Effect, not recommended for continuous use. Softening, loss of strength, swelling may occur.

D = Severe Effect, not recommended for ANY use.

T = Not Tested

UltraTech International, Inc.
Toll Free: 800.353.1611
Local: 904.292.1611
www.spillcontainment.com

ULTRATECH INTERNATIONAL, INC.

Ultra-Containment Berm Collapsible Wall Model®

SPECIFICATIONS

KEY FEATURES AND BENEFITS

+ Rugged PVC sidewall assemblies for sidewall support. Simply swivel the “feet” of the PVC supports to lower or raise the sidewalls in just seconds!
+ Rugged materials provide years of service and excellent chemical compatibility.
+ Standard materials of construction is Copolymer 2000™.

SIDEWALLS

+ Heavy-duty PVC frames provide structure and support.
+ “Feet” are swiveled at each frame to either position the sidewalls up or down.
+ Manual set-up / take-down required.

COMPLIANCE

+ EPA 40 CFR 264.175 Containment of Containers Containing Free Liquid.
+ SPCC - Spill Prevention, Control and Countermeasure Act

Part#	Dimensions ft. (m) Wall Height: 12 in. (305 mm)	Containment Capacity gal. (L)	Weight lbs. (kg)
8405	4 x 6 (1.2 x 1.8)	179 (678)	26.0 (12.0)
8403	6 x 6 (1.8 x 1.8)	269 (1,018)	32.0 (14.5)
8400	10 x 10 (3.0 x 3.0)	748 (2,831)	58.0 (26.5)
8550	10 x 20 (3.0 x 6.1)	1,496 (5,663)	96.0 (44.0)
8551	10 x 30 (3.0 x 9.1)	2,244 (8,495)	132.0 (60.0)
8552	10 x 40 (3.0 x 12.2)	2,992 (11,326)	170.0 (77.0)
8553	10 x 50 (3.0 x 15.2)	3,740 (14,157)	209.0 (95.0)
8554	12 x 12 (3.7 x 3.7)	1,077 (4,077)	69.0 (31.0)
8555	12 x 20 (3.7 x 6.1)	1,795 (6,795)	103.0 (47.0)
8556	12 x 30 (3.7 x 9.1)	2,692 (10,190)	142.0 (64.0)
8557	12 x 40 (3.7 x 12.2)	3,590 (13,590)	183.0 (83.0)
8558	12 x 50 (3.7 x 15.2)	4,488 (16,989)	224.0 (102.0)
8404	12 x 60 (3.7 x 18.3)	5,385 (20,382)	265.0 (120.0)
8559	15 x 15 (4.6 x 4.6)	1,683 (6,371)	95.0 (43.0)
8560	15 x 20 (4.6 x 6.1)	2,244 (8,495)	119.0 (54.0)
8561	15 x 30 (4.6 x 9.1)	3,366 (12,742)	164.0 (74.0)
8562	15 x 40 (4.6 x 12.2)	4,488 (16,989)	210.0 (95.0)
8401	15 x 50 (4.6 x 15.2)	5,610 (21,234)	257.0 (116.5)
8402	15 x 66 (4.6 x 20.1)	7,405 (28,028)	332.0 (150.5)

UltraTech International, Inc. · 11542 Davis Creek Court, Jacksonville, Florida 32256 USA
(800) 353-1611 · 1-904-292-1611 · spillcontainment.com

SET UP AND HANDLING

The rugged construction of the Ultra-Containment Berm, Collapsible Wall Model offers excellent chemical resistance and durability. To ensure the longest life and most effective use of the Collapsible Wall Model Berm, setup and handling are key.

The following guidelines are provided to ensure that you get the best results.

DEPLOYMENT:

1. Select a level area and be sure that ground is swept clean of debris and sharp objects. The use of a ground tarp is recommended.
2. Place the folded Berm at the setup location. Do not drag the folded Berm.
3. Unfold Berm and position as desired.
4. Position the frame legs facing toward the inside of the Berm.
5. If Track Belts are being used, place these in the unit at this time.
6. The Collapsible Wall Model Berm is now ready for use.

STORAGE:

1. Sweep out Berm and be sure that it is dry and free of contaminates.
2. Store unit in clean dry environment.

REPAIR AND MAINTENANCE:

1. If a puncture or tear occurs, contact your distributor for a Repair Kit. Describe the damage to the service representative to ensure receipt of the proper kit.
2. Replacement frame assemblies are available from your distributor.

MISCELLANEOUS:

1. While the berm will perform properly with liquids reaching the top of the wall, it is suggested that the recommended fi ll line not be exceeded. The fi ll line is 1” below the top of the berm. A berm that is filled to the top edge of the wall is subject to splash over in the event of wind or being bumped etc.
2. Feel free to contact UltraTech International direct at 1-800-353-1611 for further information.

COPOLYMER-2000 MATERIAL SPECS

Reinforced	English	Metric	Testing Method
Base Fabric Type	Polyester		
Base Fabric Weight (nominal)	3.0 oz/yd2	102 g/m2	
Finished Coated Weight	28.0 ± 2 oz/yd2	950 ± 70 g/m2	ASTM D751
Thickness	30 mils nominal	0.76 mm nominal	ASTM D751
Trapezoid Tear	30/30 lbf nominal	133/133 N nominal	ASTM D4533
Grab Tensile	250/200 lbf min.	1112/890 N min.	ASTM D751 Grab Method
Hydrostatic Resistance	300 psi min.	2.06 MPa min.	ASTM D751, Procedure A
Adhesion	10 lbf/in min.	9.0 daN/5 cm min.	ASTM D751 Dielectric Seam
Cold Crack	Pass @ -25° F	Pass @ -32° C	ASTM D2136 1/8 in mandrel, 4 hr.
Puncture Resistance	50 lbf typical	225 N typical	ASTM D4833
Dead Load	2 in seam, 4 hr, 1 in strip 100 lbf @ 70° F 50 lbf @ 160° F	5 cm seam, 4 hr, 2.5 cm strip 445 N @ 21° C 220 N @ 70° C	ASTM D751

ULTRATECH INTERNATIONAL, INC.

Ultra-Containment Berm®
Comparison Guide

Description (Click for more information)	**Cost**	**Drive-in/out**	**Set-up Required** (beyond initial deployment)	**Standard Height**	**Other Heights Available**	**Standard Material**	**Other Materials Available**
Collapsible Wall Model	$	-	Yes	12"	18", 24"	Copolymer-2000	PVC, XR5, Urethane
Compact Model	$$$	-	Yes	12"	-	Copolymer-2000	PVC, XR5, Urethane
Economy Model	$	-	Yes	12"	18", 24"	Copolymer-2000	PVC, XR5, Urethane
Foam Wall Model	$$	4 Sides	No	4"	2", 6"	Copolymer-2000	PVC, XR5, Urethane
Modular Model (Gorilla Berm)	$$$	4 Sides	No	6"	-	PVC 38	Copolymer-2000, XR5, Urethane
Rapid Rise	$$	4 Sides	No	12"	18"	Copolymer-2000	PVC, XR5, Urethane
Stake Wall Model	$$$	4 Sides	No	12"	-	Copolymer-2000	PVC, XR5, Urethane
Ultimate Model	$$	2 Sides	Only 2 Long Slides	12"	-	Copolymer-2000	PVC, XR5, Urethane
Containment Wall	$$$	-	Yes	36"	12", 24"	Polyethylene	Call
Mini Foam Wall Model	$	4 Sides	No	6"	-	PVC	Call

Berm Fabric Material	**Weight**	**Thickness**	**Min Temp**	**Max Temp**	**Cold Crack**	**Tear Strength**	**Puncture Resistance**
Copolymer-2000	30 oz/yd^2	30 mils nominal	-25°F	160°F	-25°F	30 lb_f nominal	50 lb_f typical
Urethane	23 oz/yd^2	25 mils nominal	-45°F	160°F	-45°F	58 lb_f nominal	750 lb_f
PVC	22 oz/yd^2	24 mils nominal	-30°F	145°F	-30°F	46 lb_f nominal	91 lb_f
XR5	30 oz/yd^2	30 mils minimum	-30°F	160°F	-30°F	55 lb_f nominal	250 lb_f minimum
PVC 38	24 oz/yd^2	38 mil	-30°F	145°F	-30°F	224 lb Warp/133 lb Fill	70 lb minimum


Collapsible Wall


Compact


Economy


Foam Wall


Modular (Gorilla)


Rapid Rise


Stake Wall


Containment Wall


Mini Foam Wall

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