

# Chemical Compatibility for Deacon Pipe Wraps



	Rocket Wrap	Seal Wrap
Acetaldehyde	C	C
Acetamide	C	C
Acetate Solvent	ND	C
Acetic Acid - 10%	C	C
Acetic Acid - 100%	NR	C
Acetic Acid - 50%	C	C
Acetic Acid, Glacial	NR	C
Acetic Anhydride	C	C
Acetone - 10%	C	ND
Acetone - 100%	C	ND
Acetyl Chloride - 100%	C	C
Acetylene	ND	C
Acrylic Acid - 100%	C	ND
Acrylic Acid - 25%	C	ND
Acrylonitrile	NR	C
Adipic Acid - 25%	C	ND
Allyl Alcohol	C	ND
Allyl Chloride	C	ND
Alum	C	ND
Aluminum Chloride	C	C
Aluminum Fluoride	ND	C
Aluminum Hydroxide	ND	C
Aluminum Nitrate	C	ND
Aluminum Potassium Sulfate	ND	C
Aluminum Sulfate	ND	C
Amines	C	C
Ammonia	C	C
Ammonia Nitrate	C	C
Ammonium Bifluoride	ND	C
Ammonium Carbonate	ND	C
Ammonium Casenite	ND	C
Ammonium Chloride	C	C
Ammonium Dodecyl Sulfate - 30%	C	ND
Ammonium Hydroxide	ND	C
Ammonium Hydroxide - 20%	C	C
Ammonium Nitrate	C	C
Ammonium Oxalate	ND	C
Ammonium Persulfate	ND	C
Ammonium Phosphate Dibasic	ND	C
Ammonium Phosphate Monobasic	ND	C
Ammonium Phosphate Tribasic	ND	C
Ammonium Sulfate	C	C
Ammonium Sulfite	C	ND
Ammonium Thiosulfate	ND	C
Amyl Acetate	C	C
Amyl Alcohol	C	ND

Symbol	Meaning
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NR	Not Recommended
ND	Not Determined

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	Rocket Wrap	Seal Wrap
Amyl Chloride	ND	C
Anhydrous Liquid Chlorine	ND	C
Aniline	C	C
Aniline Chloride	C	ND
Anti-Freeze	ND	C
Anhydrous Ammonia	C	C
Arochlor 1248	ND	C
Aromatic Hydrocarbons	C	C
Arsenic Acid	ND	C
Arsenious Acid	C	ND
Asphalt	C	C
Barium Carbonate	ND	C
Barium Chloride	C	C
Barium Cyanide	ND	C
Barium Hydroxide	C	C
Barium Nitrate	ND	C
Barium Sulfate	ND	C
Barium Sulfide	C	C
Beer	C	C
Beet Sugar Liquids	C	C
Benzyl Alcohol	ND	C
Benzal Chloride	C	ND
Benzaldehyde	C	C
Benzene	C	ND
Benzenesulfonic Acid - 100%	C	ND
Benzoic Acid	ND	C
Benzol	ND	C
Benzyl Alcohol	C	C
Benzyl Chloride	C	ND
Black Liquor	C	ND
Borax (Sodium Borate)	ND	C
Boric Acid	C	C
Brewery Slop	C	C
Butadiene	ND	C
Butane	C	C
Butaric Acid	ND	C
Butter	C	C
Buttermilk	C	C
Butyl Acetate	C	ND
Butyl Acrylate	C	ND
Butyl Alcohol	C	ND
Butyl Carbitol	C	ND
Butyl Cellosolve	C	ND
Butyl Ether	C	ND
Butylacetate	ND	C
Butylene	ND	C

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	Rocket Wrap	Seal Wrap
Butyric Acid - 100%	C	ND
Calcium Bisulfate	ND	C
Calcium Bisulfide	ND	C
Calcium Bisulfite	C	C
Calcium Carbonate	ND	C
Calcium Chloride	C	C
Calcium Hydroxide	C	C
Calcium Hypochlorite	ND	C
Calcium Hypochlorite - 5%	C	C
Calcium Nitrate	C	ND
Calcium Sulfate	ND	C
Calgon	ND	C
Cane Juice	C	C
Caprylic Acid	C	ND
Carbolic Acid (See Phenol)	ND	C
Carbon Bisulfide	ND	C
Carbon Dioxide	C	C
Carbon Disulfide	C	C
Carbon Monoxide	C	C
Carbon Tetrachloride	C	C
Carbonated Water	C	C
Carbonic Acid	ND	C
Castor Oil	C	C
Cellosolve	C	ND
Cellosolve Acetate	C	ND
Chlorinated Glue	ND	C
Chlorine Dioxide Solution	C	ND
Chlorine Gas - Dry	C	ND
Chlorine Gas - Wet	NR	ND
Chlorine Water	C	C
Chloroacetic Acid	NR	C
Chlorobenzene	C	C
Chlorobutane	C	ND
Chloroform	C	C
Chlorophenol	C	ND
Chlorosulfonic Acid	NR	C
Chlorotoluene	C	ND
Chocolate Syrup	C	C
Chrome Plating Solutions	C	C
Chromic Acid - 10%	C	C
Chromic Acid - 30%	NR	C
Chromic Acid - 5%	C	C
Chromic Chloride	C	ND
Cider	C	C
Citric Acid	C	C
Citric Oils	C	C

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## Chemical Compatibility for Deacon Pipe Wraps



	Rocket Wrap	Seal Wrap
Coffee	C	C
Copper Chloride	ND	C
Copper Cyanide	ND	C
Copper Fluoborate	ND	C
Copper Nitrate	ND	C
Copper Sulfate	ND	C
Corn Oil	C	C
Cottonseed Oil	C	C
Cream	C	C
Cresols	C	C
Cresylic Acid	C	C
Crude Oil	C	C
Cumene	C	ND
Cyanic Acid	ND	C
Cyclohexane	C	C
Cyclohexanone	C	ND
Detergents	ND	C
Diacetone Alcohol	ND	C
Dibutyl Phthalate	C	ND
Dichlorethane	ND	C
Dichloroacetic Acid - 20%	C	ND
Diesel Fuel	C	C
Diethanol Amine	C	ND
Diethyl Ketone	C	ND
Diethylamine	ND	C
Diethylene Glycol	ND	C
Dimethyl Sulfoxide (DMSO)	C	ND
Dimethylaminopropylamine (DMAPA)	C	ND
Dimethylaniline (DMA)	C	ND
Dimethylformamide	C	ND
Dinitrotoluene (DNT)	C	ND
Diphenyl Oxide	ND	C
Distilled Water	C	C
Dodecanol	C	ND
Dyes	ND	C
Epsom Salts (Magnesium Sulfate)	ND	C
Ethane	ND	C
Ethanol	C	ND
Ethanolamine	ND	C
Ether	ND	C
Ethyl Acetate	C	C
Ethyl Acrylate	C	ND
Ethyl Alcohol	C	C
Ethyl Bromide	NR	ND
Ethyl Chloride	NR	C
Ethyl Ether	C	ND

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# Chemical Compatibility for Deacon Pipe Wraps



	Rocket Wrap	Seal Wrap
Ethyl Sulfate	ND	C
Ethylamine	C	ND
Ethylene Chloride	ND	C
Ethylene Dichloride (EDC)	C	C
Ethylene Glycol	C	C
Ethylene Oxide	C	C
Fatty Acids	C	C
Ferric Chloride	C	C
Ferric Sulfate	C	C
Ferrous Chloride	ND	C
Ferrous Sulfate	ND	C
Fluoboric Acid	C	C
Fluosilicic Acid	ND	C
Fluosilicic Acid - 25%	C	ND
Formaldehyde	C	C
Formic Acid	ND	C
Formic Acid - 50%	C	C
Freon 11	ND	C
Freon 113	ND	C
Freon 12	ND	C
Freon 22	ND	C
Freon TF	ND	C
Fresh Water	C	C
Fruit Juice	C	C
Fuel Oils	C	C
Furan Resin	ND	C
Furfural	ND	C
Furfural - 10%	C	C
Furfuryl Alcohol	C	ND
Gasoline	C	C
Gelatin	C	C
Glucose	C	C
Glycerine	C	C
Glycolic Acid	ND	C
Glycolic Acid - 70%	C	C
Gold Monocyanide	ND	C
Grape Juice	C	C
Grease	C	C
Green Liquor	C	ND
Heptane	C	C
Hexane	C	C
Hexyl Alcohol	ND	C
Honey	C	C
Hydraulic Oil	C	C
Hydrazine	ND	C
Hydrazine - 35%	C	C

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	Rocket Wrap	Seal Wrap
Hydrobromic Acid - 20%	C	C
Hydrobromic Acid - 45%	C	ND
Hydrochloric Acid - 10%	C	C
Hydrochloric Acid - 20%	C	C
Hydrochloric Acid - 35%	C	C
Hydrocyanic Acid	ND	C
Hydrofluoric Acid - 10%	NR	C
Hydrofluoric Acid - 20%	NR	C
Hydrofluoric Acid - 45%	NR	C
Hydrofluoric Acid - 70%	NR	C
Hydrofluosilicic Acid	ND	C
Hydrogen Iodide (HI)	C	ND
Hydrogen Peroxide - 10%	C	C
Hydrogen Peroxide - 100%	ND	C
Hydrogen Peroxide - 30%	C	C
Hydrogen Sulfide	C	C
Hydroxyacetic Acid - 70%	ND	C
Hypochlorous Acid	NR	ND
Ink	ND	C
Iodine	C	C
Isobutyl Alcohol	ND	C
Isopropyl Acetate	C	C
Isopropyl Alcohol	C	C
Isopropyl Ether	C	ND
Isotane	ND	C
Jet Fuel	C	C
Kerosene	C	C
Ketones	ND	C
Lacquer Thinners	ND	C
Lacquers	ND	C
Lactic Acid	C	C
Lanolin	C	ND
Lard	C	C
Latex	ND	C
Lauric Acid	C	ND
Lead Acetate	C	C
Lead Sulfamate	ND	C
Levulinic Acid	C	ND
Ligroins	ND	C
Lime	ND	C
Linseed Oil	C	C
Lithium Hydroxide - 10%	C	ND
Lubricants	C	C
Magnesium Carbonate	ND	C
Magnesium Chloride	ND	C
Magnesium Hydroxide	ND	C

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	Rocket Wrap	Seal Wrap
Magnesium Nitrate	ND	C
Magnesium Oxide	ND	C
Magnesium Sulfate	ND	C
Maleic Acid	C	C
Maleic Anhydride	ND	C
Malic Acid	C	ND
Mash	C	C
Mayonnaise	C	C
Melamine	ND	C
Mercuric Chloride (Dilute)	ND	C
Mercuric Cyanide	ND	C
Mercury	C	C
Methanol	C	C
Methyl Acetate	C	ND
Methyl Acetone	ND	C
Methyl Acrylate	ND	C
Methyl Alcohol	C	C
Methyl Bromide	ND	C
Methyl Butyl Ketone	ND	C
Methyl Cellosolve	ND	C
Methyl Chloride	C	ND
Methyl Dichloride	ND	C
Methyl Ethyl Ketone	C	C
Methyl Isobutyl Ketone	C	C
Methyl Isopropyl Ketone	ND	C
Methyl Methacrylate	ND	C
Methyl Tertiary Butyl Ether (MTBE)	C	ND
Methylamine	ND	C
Methylene Chloride	C	C
Methylene Chloride	C	ND
Milk	C	C
Mineral Oil	C	C
Molasses	C	C
Mustard	C	C
Naphtha	C	C
Naphthalene	C	C
Naphthenic Acids	C	ND
Nickel Chloride	ND	C
Nickel Sulfate	ND	C
Nitric Acid - 10%	C	C
Nitric Acid - 20%	NR	C
Nitric Acid - 30%	NR	ND
Nitric Acid - 5%	C	C
Nitrobenzene	C	C
Nitro-Hydrochloric Acid	NR	ND
Nitromethane	C	ND

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	Rocket Wrap	Seal Wrap
Nonanoic Acid	C	ND
Octanoic Acid	C	ND
Octanol	C	ND
Octyl Alcohol	ND	C
Oils	C	C
Oleic Acid	C	C
Oleum Fuming Sulfuric Acid	C	ND
Oxalic Acid	C	C
Paraffin	C	C
Paraxylene	C	ND
Pentachloroethane	C	ND
Pentane	C	C
Perchloric Acid - 30%	C	ND
Perchloroethylene	C	ND
Petrolatum	ND	C
Phenol	NR	C
Phenol - 5%	C	C
Phenol - 85%	C	C
Phosphoric Acid	C	C
Phosphorous Trichloride	C	ND
Phosphoryl Chloride	C	ND
Picric Acid	C	C
Polyacrylic Acid (PAA) - 50%	C	ND
Polychlorinated Biphenyl (PCB)	C	ND
Potassium Acetate	C	ND
Potassium Bromide	C	ND
Potassium Carbonate - 25%	C	ND
Potassium Chlorate	C	ND
Potassium Chloride	C	ND
Potassium Cyanide	C	ND
Potassium Dichromate	C	ND
Potassium Hydroxide - 10%	C	ND
Potassium Nitrate	C	ND
Potassium Permanganate	C	ND
Potassium Persulfate	C	ND
Potassium Sulfate	C	ND
Propanediol	C	ND
Propionic Acid - 100%	NR	ND
Propyl Alcohol	ND	C
Propylene Glycol	C	ND
Pyridine	NR	ND
Rosins	C	C
Rum	C	C
Rust Inhibitors	C	C
Salad Dressings	C	C
Salt Water	C	C

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## Chemical Compatibility for Deacon Pipe Wraps



	Rocket Wrap	Seal Wrap
Shellac (Bleached)	ND	C
Shellac (Orange)	ND	C
Silicone	C	C
Silver Bromide	ND	C
Silver Nitrate	ND	C
Skydrol	C	ND
Soap Solutions	ND	C
Soda Ash	ND	C
Sodium Acetate	C	C
Sodium Aluminate	ND	C
Sodium Bicarbonate	C	C
Sodium Bisulfate	C	C
Sodium Bisulfite	C	C
Sodium Borate	ND	C
Sodium Carbonate	ND	C
Sodium Carbonate - 15%	C	C
Sodium Chlorate	C	C
Sodium Chloride	C	C
Sodium Chromate	ND	C
Sodium Cyanide	ND	C
Sodium Cyanide - 15%	C	C
Sodium Dichromate	C	ND
Sodium Fluoride	ND	C
Sodium Hydrosulfide - 45%	C	ND
Sodium Hydroxide - 10%	C	C
Sodium Hydroxide - 50%	C	C
Sodium Hydroxide - 80%	ND	C
Sodium Hypochlorite - 15%	C	C
Sodium Hypochlorite - 20%	NR	C
Sodium Hypochlorite - 5%	C	C
Sodium Hyposulfate	ND	C
Sodium Metaphosphate	ND	C
Sodium Metasilicate	ND	C
Sodium Nitrate	ND	C
Sodium Perborate	ND	C
Sodium Peroxide	C	C
Sodium Phosphate	C	ND
Sodium Polyphosphate	ND	C
Sodium Silicate	ND	C
Sodium Sulfate	C	C
Sodium Sulfide	C	C
Sodium Sulfite	C	C
Sodium Tetraborate	ND	C
Sodium Thiosulfate	C	C
Sorghum	ND	C
Sour Crude Oil	C	C

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	Rocket Wrap	Seal Wrap
Soy Sauce	C	C
Soybean Oil	C	C
Stannic Chloride	ND	C
Stannic Fluoborate	ND	C
Stannous Chloride	ND	C
Starch	C	C
Stearic Acid	C	C
Stoddard Solvent	C	C
Styrene	C	C
Sugar (Liquids)	C	C
Sulfamic Acid - 25%	C	ND
Sulfate (Liquors)	ND	C
Sulfur Chloride	ND	C
Sulfur Dioxide	C	C
Sulfur Trioxide	C	C
Sulfuric Acid	C	C
Sulfurous Acid	ND	C
Sulfuryl Chloride	ND	C
Tall Oil	C	ND
Tallow	ND	C
Tannic Acid	C	C
Tanning Liquors	ND	C
Tartaric Acid	C	C
Tetrachloroethane	ND	C
Tetrachloroethylene	C	ND
Tetrahydrofuran	C	C
Thiophenol	NR	ND
Toluene	C	C
Toluidine	C	ND
Tomato Juice	C	C
Trichlorobenzene	C	ND
Trichloroethane	C	C
Trichloroethylene	C	C
Trichloropropane	ND	C
Tricresyl Phosphate	C	C
Triethylamine	C	C
Trisodium Phosphate (TSP)	C	ND
Turpentine	C	C
Urea	C	ND
Varnish	ND	C
Vegetable Juice	C	C
Vegetable Oil	C	C
Vinegar	C	C
Vinyl Chloride	NR	ND
Water	C	C
Water Acid Mine	ND	C

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	Rocket Wrap	Seal Wrap
Weed Killers	ND	C
Whiskey	C	C
White Liquor	C	C
Wine	C	C
Xylene	C	C
Zinc Chloride	ND	C
Zinc Hydrosulfite	ND	C
Zinc Sulfate	ND	C

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