

**ThistleBond –Chemical Resistant Coatings Chart**

<b>CHEMICAL</b>	<b>Hycote 152</b>	<b>Hycote 162</b>	<b>Hycote 175</b>
Acetic Acid <10%	2	2	1
Acetic Acid <20%	3	3	2
Acetic Acid >20%	4	4	3
Acetone	4	3	3
Allyl Alcohol	2	2	2
Alums	1	1	1
Aluminium Chloride	1	1	1
Aluminium Sulphate	1	1	1
Ammonium Bicarbonate	1	1	1
Ammonium Hydrox <10%	1	1	1
Ammonium Hydrox <20%	2	2	1
Ammonium Hydrox >20%	2	3	2
Ammonium Phosphate	1	1	1
Ammonium di Phosphate	1	1	1
Ammonium tri Phosphate	1	1	1
Ammonium Nitrate	1	1	1
Amyl Acetate	3	2	2
Amyl Alcohol	2	2	2
Antimony Oxide	1	1	1
Apple Juice	1	1	1
Argon	1	1	1
Arsenic Acid	2	2	1
Asphalt Emulsion	2	1	1
Aviation Fuel	2	1	1
Barium Carbonate	1	1	1
Barium Chloride	1	1	1
Barium Hydroxide	1	1	1
Barium Sulphate	1	1	1
Barium Sulphide	1	1	1
Beet	1	1	1
Beet Sugar Liquor	2	2	1
Benzaldehyde	3	3	2
Benzene	3	3	2
Benzoic Acid	3	3	1
Bleach	2	2	1
Brake Fluid	1	1	1
Brine	1	1	1
Bunker Oil	1	1	1
Buttermilk	1	1	1
Butyl Acetate	3	2	2
Butyl Alcohol	2	2	2
Calcium Carbonate	1	1	1
Calcium Chloride	1	1	1
Calcium Hydroxide	1	1	1
Calcium Hypochlorite <sup>2</sup>	2	2	1
Calcium Sulphate	1	1	1
Carbon Dioxide Dry	1	1	1
Carbon Monoxide	1	1	1
Carbon Tetrachloride	3	3	3
Carbonic Acid	1	1	1
Caster Oil	1	1	1

<b>CHEMICAL</b>	<b>Hycote 152</b>	<b>Hycote 162</b>	<b>Hycote 175</b>
Chlorine Dry	3	3	3
Chlorine Wet	4	4	4
Chloroacetic Acid	4	4	4
Chlorobenzene	3	3	3
Chloroform	3	3	3
Cider	1	1	1
Coconut Oil	1	1	1
Cod Liver Oil	1	1	1
Copper Chloride	1	1	1
Copper Nitrate	1	1	1
Copper Sulphate	1	1	1
Corn Oil	1	1	1
Cotton Seed Oil	1	1	1
Creosote	4	4	2
Cresylic Acid	4	4	2
Crude Oil Sweet	1	1	1
Crude Oil Sour	2	1	1
Cyclohexane	2	1	1
Cyclohexanol	2	2	2
Di Acetone Alcohol	2	2	2
Di Butyl Adiphate	1	1	1
Di Butyl Ether	3	3	3
Di Butyl Amine	3	2	2
Di Ethyl Ether	3	3	3
Diesel Oil	1	1	1
Di Octyl Adipate	1	1	1
Ethyl Acetate	3	3	2
Ethyl Acrylate	2	2	2
Ethyl Alcohol	2	3	2
Ethylene Glycol	1	1	1
Ferric Chloride	1	1	1
Ferric Sulphate <sup>1</sup>	1	1	1
Formic Acid	3	3	2
Gasoline	1	1	1
Gin	2	2	2
Glucose Solution	2	1	1
Glycerol	1	1	1
Grapefruit Juice	2	1	1
Heptane	1	1	1
Hexane	1	1	1
Hexanol	1	1	1
Hydrobromic Acid Dilute	1	1	1
Hydrochloric Acid <10%	1	1	1
Hydrochloric Acid <20%	1	1	1
Hydrochloric Acid >20%	3	3	1
Hydrofloric Acid 10%	3	3	1
Hydrofloric Acid 20%	4	4	2
Hydraulic Oil	1	1	1
Iso Propyl Ether	3	3	3
Iso Octane	1	1	1
Kerosine	1	1	1
Lactic Acid	2	2	1

<b>CHEMICAL</b>	<b>Hycote 152</b>	<b>Hycote 162</b>	<b>Hycote 175</b>
Lard	1	1	1
Lemon Juice	1	1	1
Lime Water	1	1	1
Linolic Acid	1	1	1
Linseed Oil	1	1	1
LPG	1	1	1
Lubricating Oil	1	1	1
Magnesium Chloride	1	1	1
Magnesium Hydroxide	1	1	1
Magnesium Sulphate	1	1	1
Maleic Acid	3	3	1
Margerine	1	1	1
Mercury	1	1	1
Methane	1	1	1
Methyl Acetate	3	3	3
Methyl Alcohol	3	3	2
Methyl Cellosolve	1	1	1
Methylene Chloride	4	4	4
Methyl Ethyl Ketone	3	3	3
Milk	1	1	1
Mineral Spirit	1	1	1
Molasses	1	1	1
Naptha	1	1	1
Natural Gas	1	1	1
Nitric Acid <10%	1	1	1
Nitric Acid <20%	2	2	1
Nitric Acid >20%	4	4	2
Nitrous Acid (Dilute)	1	1	1
Octane	1	1	1
Oleum	4	4	2
Oleic Acid	1	1	1
Olive Oil	1	1	1
Orange Juice	1	1	1
Ozone Dry	1	1	1
Ozone Wet	2	2	2
Parafin	1	1	1
Parafin Wax	1	1	1
Palmitic Acid	1	1	1
Palm Oil	1	1	1
Petrol	1	1	1
Petroleum Oil	1	1	1
Phenol 100%	4	4	2
Phenol 10% Solution	3	3	2
Phosphoric Acid Dilute	1	1	1
Phophoric Acid <75%	3	3	1
Pineapple Juice	1	1	1
Pine Oil	1	1	1
Pitch	2	2	1
Potassium Bromide	1	1	1
Potassium Carbonate	1	1	1
Potassium Chlorate	1	1	1
Potassium Chloride	1	1	1

<b>CHEMICAL</b>	<b>Hycote 152</b>	<b>Hycote 162</b>	<b>Hycote 175</b>
Potassium Diphosphate	1	1	1
Potassium Ferricyanide	1	1	1
Potassium Hydroxide	1	1	1
Potassium Iodide	1	1	1
Potassium Nitrate	1	1	1
Potassium Permanganate	1	1	1
Potassium Sulphate	1	1	1
Potassium Sulphide	1	1	1
Propane	1	1	1
Propanol Normal	2	2	2
Propanol (iso)	2	2	2
Propylene Glycol	1	1	1
Propylene Glycol Methyl Ether	2	2	2
Propylene Glycol Methyl Ether Acetate	2	2	2
Pyridine	3	3	3
Sewage	1	1	1
Sillicone Oil	1	1	1
Silver Nitrate	1	1	1
Soaps	1	1	1
Sodium Bicarbonate	1	1	1
Sodium Bisulphate	1	1	1
Sodium Borate	1	1	1
Sodium Bromide	1	1	1
Sodium Carbonate	1	1	1
Sodium Chlorate	1	1	1
Sodium Chloride	1	1	1
Sodium Chromate	1	1	1
Sodium Hydroxide	1	1	1
Sodium Hypochlorite	3	3	2
Sodium Nitrate	1	1	1
Sodium Silicate	1	1	1
Sodium Sulphate	1	1	1
Sodium Thiosulphate	1	1	1
Sodium Triphosphates	1	1	1
Soyabean Oil	1	1	1
Starch	1	1	1
Styrene	3	3	2
Sulphuric Acid <10%	1	1	1
Sulphuric Acid <20%	1	1	1
Sulphuric Acid >20%	4	4	1
Sulphur Dioxide Dry	1	1	1
Sulphur Dioxide Wet	1	1	1
Tall Oil	1	1	1
Tar	2	2	2
Tartaric Acid	1	1	1
Terpentine	1	1	1
Tetrachlorethylene	3	3	3
Tomato Juice	1	1	1
Toluene	2	2	2
Transformer Oil	1	1	1

<b>CHEMICAL</b>	<b>Hycote 152</b>	<b>Hycote 162</b>	<b>Hycote 175</b>
Tri Butyl Phosphate	1	1	1
Trichloroethylene	3	3	3
Tung Oil	1	1	1
Urea	1	1	1
Vegetable Oils	1	1	1
Vinegar	1	1	1
Vodka	2	2	2
Water (Distilled, fresh mineral, sea)	1	1	1
Waxes	1	1	1
Wax Emulsions	1	1	1
Whiskey	2	2	2
White Spirit	1	1	1
Wine	1	1	1
Xylene	2	2	1
Zinc Chloride	1	1	1
Zinc Hydrosulphite	1	1	1
Zinc Sulphate	1	1	1
<sup>1</sup>			

**SYMBOLS**      1= Suitable for continuous immersion at 20C  
                          2= Short Term immersion only  
                          3= Splashes and spills  
                          4= Not recommended