

Chemical Compatibilities

Strongcoat EN100



TEST

Chemical resistance test on Strongcoat EN100

PROCEDURE

Immersion for 1, 3 and 14 days

CHEMICAL RESISTANCE TABLE

	CONCENTRATION	RESISTANCE		
		DAY 1	DAY 3	DAY 14
Acetic acid	Up to 30%	R	R	RS
Acetic acid	Up to 50%	NR	NR	NR
Acetic acid	Up to 98%	NR	NR	NR
Hydrochloric acid	Up to 20%	RS	RD	RD
Hydrochloric acid	Up to 32%	RS	RD	RD
Sulfuric acid	Up to 30%	RS	RD	RD
Sulfuric acid	Up to 50%	RD	RD	RD
Sulfuric acid	Up to 98%	NR	NR	NR
Phosphoric acid	Up to 30%	RD	RD	RD
Phosphoric acid	Up to 50%	RD	RD	RD
Phosphoric acid	Up to 85%	RD	RD	RD
Lactic acid	Up to 20%	RS	RD	RD
Lactic acid	Up to 30%	RD	RD	RD
Lactic acid	Up to 50%	RD	RD	RD
Lactic acid	Up to 90%	RD	NR	NR
Citric acid	Up to 20%	R	R	R
Citric acid	Up to 50%	R	R	R
Soda Lye	Up to 50%	R	R	R
Caustic Potash	Up to 50%	R	R	R
Oleic acid		R	R	R
Triethanolamine		R	R	R
Antifungus		R	R	R
Benzyl alcohol		R	RS	RS
Brake fluid		R	R	R
Methanol		R	R	R
Ethanol		R	R	R
Isopropanol		R	R	R
Glycerin		R	R	R
Solvent naphtha		R	R	R

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	CONCENTRATION	RESISTANCE		
		DAY 1	DAY 3	DAY 14
Ethyl benzene		R	R	R
Ethylene glycol		R	R	R
Sodium chloride	Up to 20%	R	R	R
Sugar	Up to 10%	R	R	R
Hydraulic oil		R	R	R
Silicone oil		R	R	R
Acetone		NR	NR	NR
Toluene		R	R	R
Xylene		R	R	R
Benzene		R	R	RS
Diesel		R	R	R
Water		R	R	R
Distilled water		R	R	R
Hybex	Up to 10%	R	R	R
Hand wash soap		R	R	R
Flash		RS	RD	RD
PRX Iso-octane, Toluene 50:50		R	R	R
PRX Methanol, Isopropanol, Water 48:48:4		R	R	R

R: Resistant
RS: Resistant with slight discolouration
RD: Resistant with obvious colour change
NR: Non-resistant