

Chemical Resistance (ISO)

Environment	Concentration %	Temp °C	Vinyl	TVinyl	ISO	GPI	Pultruded Vinyl	Grated ISO
Acetic Acid	25	MAX	C	C	C	S	C	C
Acetic Acid	50	MAX	C	C	C	S	C	C
Aluminium Hydroxide	ALL	MAX	C	C	C	C	C	C
Ammonium Chloride	ALL	48.8	C	C	C	C	C	C
Ammonium Bicarbonate	15	48.8	C	C	C	S	S	C
Ammonium Bicarbonate	50	48.8	C	C	C	S	S	I
Ammonium Hydroxide	20	26.6	S	C	N	N	I	N
Ammonium Sulphate	ALL	48.8	C	C	C	C	C	S
Benzene	100	65.5	I	S	I	N	I	N
Benzoic Acid (SAT)	SAT	MAX	C	C	C	S	C	C
Borax (SAT)	SAT	MAX	C	C	C	S	C	S
Calcium Carbonate	ALL	MAX	C	C	C	S	C	C
Calcium Nitrate	ALL	MAX	C	C	C	C	C	C
Carbon Tetrachloride	100	26.6	I	C	N	N	I	N
Chloride, Dry Gas*	ALL	MAX	C	C	C	S	C	S
Chloride Water (SAT)	SAT	48.8	C	C	I	N	I	N
Chromic Acid	50	65.5	I	S	N	N	I	N
Citric Acid	ALL	MAX	C	C	C	C	C	C
Copper Chloride	ALL	MAX	C	C	C	C	C	C
Copper Cyanide	ALL	60	C	C	S	I	S	I
Copper Nitrate	ALL	MAX	C	C	C	C	C	C
Ethanol	10	48.8	C	C	S	S	C	S
Ethanol	50	48.8	C	C	I	I	C	I

FOR MORE INFORMATION

Call: 01206 322 899

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Acetic Acid	25	MAX	C	C	C	S	C	C
Acetic Acid	50	MAX	C	C	C	S	C	C
Aluminium Hydroxide	ALL	MAX	C	C	C	C	C	C
Ammonium Chloride	ALL	48.8	C	C	C	C	C	C
Ammonium Bicarbonate	15	48.8	C	C	C	S	S	C
Ammonium Bicarbonate	50	48.8	C	C	C	S	S	I
Ammonium Hydroxide	20	26.6	S	C	N	N	I	N
Ammonium Sulphate	ALL	48.8	C	C	C	C	C	S
Benzene	100	65.5	I	S	I	N	I	N
Benzoic Acid (SAT)	SAT	MAX	C	C	C	S	C	C
Borax (SAT)	SAT	MAX	C	C	C	S	C	S
Calcium Carbonate	ALL	MAX	C	C	C	S	C	C
Calcium Nitrate	ALL	MAX	C	C	C	C	C	C
Carbon Tetrachloride	100	26.6	I	C	N	N	I	N
Chloride, Dry Gas*	ALL	MAX	C	C	C	S	C	S
Chloride Water (SAT)	SAT	48.8	C	C	I	N	I	N
Chromic Acid	50	65.5	I	S	N	N	I	N
Citric Acid	ALL	MAX	C	C	C	C	C	C
Copper Chloride	ALL	MAX	C	C	C	C	C	C
Copper Cyanide	ALL	60	C	C	S	I	S	I
Copper Nitrate	ALL	MAX	C	C	C	C	C	C
Ethanol	10	48.8	C	C	S	S	C	S
Ethanol	50	48.8	C	C	I	I	C	I

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Phosphoric Acid	80	MAX	C	C	C	C	C	S
Potassium Chloride	ALL	MAX	C	C	C	C	C	C
Potassium Dichromate	ALL	MAX	C	C	C	C	C	C
Potassium Nitrate	ALL	MAX	C	C	C	C	C	C
Potassium Sulphate	ALL	MAX	C	C	C	C	C	C
Propylene Glycol	ALL	MAX	C	C	C	S	C	S
Sodium Acetate	ALL	MAX	C	C	C	C	C	C
Sodium Bisulphate	ALL	26.6	S	C	S	I	C	I
Sodium Bromide	ALL	26.6	S	C	S	I	C	I
Sodium Cyanide	ALL	26.6	C	C	I	I	S	I
Sodium Hydroxide	10	MAX	C	C	I	N	I	N
Sodium Hydroxide	50	MAX	S	C	N	N	N	N
Sodium Nitrate	ALL	MAX	C	C	C	C	C	C
Sodium Sulphate	ALL	MAX	C	C	C	C	C	C
Sulphuric Acid	10	MAX	C	C	S	S	C	S
Sulphuric Acid	25	MAX	C	C	S	S	S	I
Sulphuric Acid	75	37.7	C	C	I	I	I	N
Tataric Acid	ALL	MAX	C	C	C	S	C	S
Vinegar	ALL	MAX	C	C	C	S	C	S
Water Distilled	ALL	MAX	C	C	C	C	C	C
Zinc Nitrate	100	MAX	C	C	C	C	C	C
Zinc Sulphate	100	MAX	C	C	C	C	C	C

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Chemical Resistance (ISO)

T = Transparent

C = Continuous exposure of the grating to the Chemical Environment listed at the temperature listed

S = Frequent exposure of the grating to splashes and spills from the Chemical Environment listed with the environment at the listed temperature

I = Infrequent exposure of the grating to splashes and spills Chemical Environment listed with the environment at the listed temperature and the spill immediately cleaned up or washed from the grating

N = Not recommended for the concentrations and the temperatures listed

MAX temperature is 115°C for transparent vinyl moulded grating, 85°C for moulded vinyl grating and pultruded vinyl grating, 71.1°C for moulded ISO grating and 65.5°C for moulded GPI grating.

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