

## Chemical Resistance (Vinyl Ester)

### Vinyl Ester Resin

QuartzGrip® Vinyl Ester GRP open mesh is made to withstand the harshest of conditions offering superior chemical-resistance. Used in oil refineries and chemical plants it offers the same benefits as standard fibre glass grating with excellent strength to weight ratio, anti-slip surface and ease of installation.

The temperatures shown are. not necessarily the maximum service temperature. It is the upper temperature at which the resin has been tested. It is possible a higher temperature could be obtained

but additional testing would be required to establish such performance.

These figures are an addendum to our Chemical Resistance Datasheet for Isophthalic resin GRP

Legend:

- NR Not recommended
- \* Short life at room temperature (about one year).

CHEMICAL ENVIRONMENT	CONC. %	TEMP. °C
Chromic Acid	5	38
Chromic Acid	10	16
Chromic Acid	20	10
Chromic Acid	30	-4*
Chromic Acid	40	NR
Hydrochloric Acid	1-20	27
Hydrochloric Acid	20-25	27
Hydrochloric Acid	26-32	18
Hydrochloric Acid	33-36	10
Hydrochloric Acid	37	4
Hydrofluoric Acid	10	18
Hydrofluoric Acid	20	4
Hydrofluoric Acid	47	NR

CHEMICAL ENVIRONMENT	CONC. %	TEMP. °C
Nickel Sulphate	ALL	38
Nitric Acid	31-35	-4
Nitric Acid	36-40	NR
Nitric Acid	70	NR
Sodium Hydroxide	5	21
Sulfuric Acid	25	38
Sulfuric Acid	50	38
Sulfuric Acid	60	27
Sulfuric Acid	70	21
Sulfuric Acid	75	4
Sulfuric Acid	80	4
Sulfuric Acid	>80	NR

### FOR MORE INFORMATION

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