



TRICEL

GENERATIONS OF INNOVATION

GELCOATS

Orthophthalic Gelcoats
Isophthalic Gelcoats
Isophthalic NPG Gelcoats
Tooling Gelcoats / Isophthalic and Vinylester

**Composites Supply
Partner**

Focused on Product & Technical Expertise

www.tricelcomposites.co.uk

► Orthophthalic Gelcoats

Orthophthalic gelcoats are manufactured using tixotropes, surfactants, pigments and accelerators to improve the durability of components. They also have the dual ability to promote a good aesthetic finish.

These gelcoats are available in brush and spray versions and are best applied at a thickness of 500microns (approximately 500 g/m²).

► Isophthalic NPG Gelcoats

The use of isophthalic acid neopentyl glycol (NPG) based gelcoats and skin coats offer better resistance to blister formation than isophthalic acid propylene glycol based gelcoats. NPG gelcoats also give higher chemical resistance. A corrosion resistance guide for all our gelcoats is available upon request.

► Isophthalic Gelcoats

Isophthalic acid type base resins are used to make a superior water and environmental resistant part. Parts constructed from this have superior blister resistance and toughness as indicated by their excellent tensile elongation to break ratio when compared to orthophthalic acid based resins. Isophthalic gelcoats also have better gloss retention and ultraviolet (UV) stability than orthophthalic gelcoats. Low styrene gelcoats, and also Lloyds registered gelcoats, tend to be Isophthalic.

► Tooling Gelcoats / Isophthalic and Vinylester

A tooling gelcoat differs in that it can cure to a much harder surface than regular gelcoat types, meaning that it can be polished to a higher lustre.

Vinylester gelcoats provide maximum resistance to chemicals and solvents. Owing to its high deformation temperature, this type of gelcoat is suitable for parts when used with high peak exotherm resins or when there is a requirement for post curing. This gelcoat is ideal for when there is a necessity to reduce cracking. Corrosion resistance guides are available upon request.

**We stock a full range of Gelcoat products.
Contact us today to discuss your requirements.**

All gelcoats are available in spray or brush application.

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