

StellarEx PVC Rigid

Rigid Polyvinyl Chloride Sheet — Chemical & Electrical Grade

TECHNICAL DATA SHEET

StellarEx® by Indu Thermoformers & Formpack

Hard-wearing rigid PVC with inherent flame retardance, strong chemical resistance and excellent electrical insulation.

Typical properties

Property	Typical value	Test method
Specific gravity	1.42 g/cm³	ASTM D792
Tensile strength @ yield	52 MPa	ASTM D638
Flexural modulus	2800 MPa	ASTM D790
Notched Izod @ 23 °C	70 J/m	ASTM D256
Vicat softening point	82 °C	ASTM D1525
Dielectric strength	20 kV/mm	IEC 60243
UL 94 @ 1.6 mm	V-0 (inherent)	UL 94

Key features

- ✓ Inherently flame retardant — UL 94 V-0
- ✓ Excellent resistance to acids, alkalis & salts
- ✓ Strong electrical insulation properties
- ✓ Rigid and dimensionally stable
- ✓ Easy to weld, bond and fabricate

Typical applications

Chemical tanks, manifolds & fume ducting · Electrical housings & cable management · Industrial cabinets & machine guards · Construction profiles & cladding · Fluid-handling linings

Supply range

Thickness: 1 – 10 mm · **Width:** up to 2000 mm · Sheets, rolls or cut-to-size · Colour-matched to Pantone / RAL · Textured or gloss finishes

Values shown are typical of the grade and are provided for guidance only — they are not specifications. Properties vary with gauge, colour and processing. Please confirm final values against your application at DFM review; COA / MTC supplied with production.