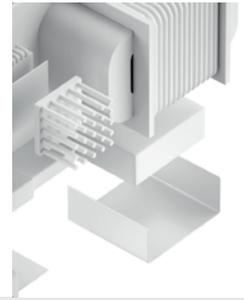


Valox is characterized by its excellent dielectric properties and processability which make it ideal for use in any electronic applications. Together with being UL VO listed the material is outstanding and can be used replacing conventional interface materials.



Release 03 / 2026

**PROPERTIES**

- High processability relating to warm forming
- Residue-free removal after use
- High dielectric strength and properties
- Extreme chemical resistance

**DELIVERY SHAPES**

- Rolls up to 1220 mm width
- Sheets
- Non tacky
- Tacky on one side
- Tacky on both sides
- Die cut parts
- Curved and bended
- With imprints

**APPLICATION EXAMPLES**

Electrical insulation of:

- Electronic switches
- SNIDs
- Power plugs
- Power parts
- Fiber glas tubes

Technical Data Sheet

Property	Unit	Valox
<b>Material</b>		Thermoplastische Polyesterfolie PBT
Colour		weiss
Density	g/cm <sup>3</sup>	1.34
Thicknesses	mm	0.075 – 0.75
UL Flammability	UL 94	VTM 0
RoHS Conformity	2002/95/EC	Yes
<b>Thermal</b>		
Melting Point	°C	220
Operating Temperature Range	°C	-40 up to +130
Thermal Conductivity	W/mK	0.17
<b>Electrical</b>		
Dielectric Strength	kV/mm	43
Volume Resistivity @ 25°C	Ohm/cm	10 <sup>14</sup>
CTI		2

All data without warranty and subject to change. Please contact us for further data and information.

Shelf life adhesive: 6 months when stored in original packaging at room temperature and 50% relative humidity.

Thicknesses: 0.25 mm / 0.50 mm. Other thicknesses on request

All technical data and information are without warranty and believed to be reliable and accurate corresponding to the latest state of the art. Since the products are not provided to conform with mutually agreed specifications, and their use and processing are unknown we cannot guarantee results, freedom from patent infringement, or their suitability for any application. Product testing by the applicant is recommended. We reserve the right of changes.