

PVDF-FOAM ZOTEK® F

OSU semi-rigid

Colour: white or grey

Applications decorative composites and divider panels	Interior soft trim in combination with leathers, textiles and laminates including low FST cores for
Material make	closed cell Polyvinylidenfluorid (KYNAR®)-Foam. Unique properties it ideal for a wide range of applications.
Colour	white
Typical properties absorption	Semi-rigid, formable, flame propagation resistant, low heat release (OSU), high operation temperature, UV-resistant, low water
Density	approx. 34 kg/m ³
Thickness	available from 2 mm up to 25 mm
Dimensions	2000 mm x 1000 mm
Flammability	meets the requirements of ABD 0031 CS/FAR 25.856(a) CS/FAR 25, App F, Part I (a)(1)(ii) CS/FAR 25. App. F Pt IV CS/FAR 25. App. F Pt V
Temperature range	- 55 °C to + 155 °C
Characteristics	- good mechanical performance - fine uniform and closed-cell structure - very low water absorption - low water vapour transmission rate - odourless - non-toxic - non-staining
Processing	PVDF-Foam can be ... - cut - skived - welded - punched - thermo laminated - thermo formed

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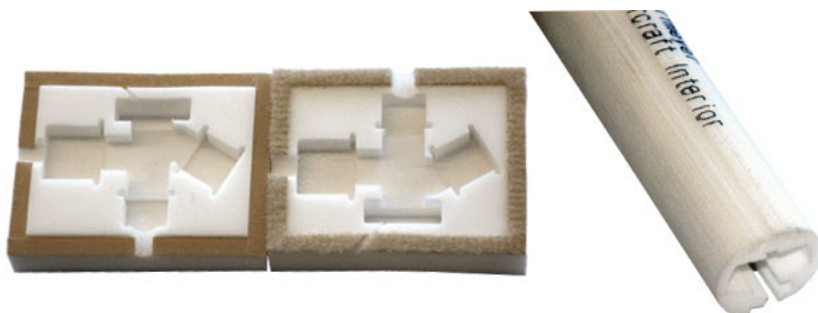
Properties	Standard	Unit	F OSU semi-rigid ¹⁾
Density	ISO 845	kg/m ³	max. 34
Compression stress strain characteristics, 25% compression	ISO 7214	kPa	min. 74
Tensile strength	ISO 1798	kpa	min. 417
Elongation at break	ISO 1798	%	min. 74
Storage time		-	unlimited
Thermal conductivity at 50 °C	ISO 8301	$\frac{W}{m \cdot K}$	max 0.037
Heat release 30.2 mm	CS/FAR 25.853(d) CS/FAR 25 App F Pt IV	2 min. total HR (kWmin/m ²): Peak HR (kW/m ²): 35 at 25	
Smoke density	CS/FAR 25.853(d) CS/FAR 25 App F Pt V	pass at 13 mm	
Smoke density	ABD0031 para.2.3.2	pass at 13 mm	
Toxic gas emission	ABD0031 para.2.3.2	pass at 25 mm	

1) Typical Value

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self-adhesive

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Properties	Standard	Unit	F OSU semi-rigid ¹⁾
Density ²⁾	ISO 845	kg/m ³	max. 34
Compression stress strain ²⁾ characteristics, 25% compression	ISO 7214	kPa	min. 74
Tensile strength ²⁾	ISO 1798	kpa	min. 417
Elongation at break ²⁾	ISO 1798	%	min. 74
Storage time at -10°C to 25°C/ 10% RH to 70% RH			months 12
Thermal conductivity at 50 °C ²⁾	ISO 8301	$\frac{W}{m \cdot K}$	max 0.037
Flammability (ii)	AITM 2.0002B	Meets the requirements of CS/FAR 25, App.F, Part I (a)(1) bonded on 0,025 mm Alu-foil	
1) Typical Value 2) without adhesive			