



PVDF-FOAM ZOTEK® F

OSU Rigid

Applications	Interior soft trim in combination with leathers, textiles and decorative laminates including low FST cores for composites and divider panels
Material	closed cell Polyvinylidenfluorid (KYNAR®)-Foam. Unique properties make it ideal for a wide range of applications.
Colour	white
Typical properties	Rigid, formable, flame propagation resistant, low heat release (OSU), high operation temperature, UV-resistant, low water absorption
Density	approx. 74 kg/m³
Thickness	20 mm
Dimensions	1500 mm x 750 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 + 157 °C
Characteristics	<ul style="list-style-type: none"> - 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 ... <ul style="list-style-type: none"> <li style="width: 50%;">- cut <li style="width: 50%;">- punched <li style="width: 50%;">- skived <li style="width: 50%;">- thermo laminated <li style="width: 50%;">- welded <li style="width: 50%;">- thermo formed



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Properties	Standard	Unit	F OSU Rigid ¹⁾
Density	ISO 845	kg/m ³	74
Compression stress strain characteristics, 25% compression	ISO 7214	kPa	max.150
Tensile strength	ISO 1798	kpa	min.1000
Elongation at break	ISO 1798	%	min. 90
Storage time		-	unlimited
Thermal conductivity at 50 °C	ISO 8301	$\frac{W}{m \cdot k}$	max 0.0369
Heat release	CS/FAR 25.853(d) CS/FAR 25 App F Pt IV	2 min. total HR (kWmin/m ²): pass at 13mm Peak HR pass at 13mm	
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 13 mm	
Vertical bunsen burner	CS/FAR 25 App F Pt I(a)(1)(ii)	pass at 25 mm	
Radiant heat panel	CS/FAR 25.856(a) CS/FAR 25 App F Pt VI	pass at 3 mm and 25 mm	

1) Typical Value