



PVDF-FOAM Zotek® F

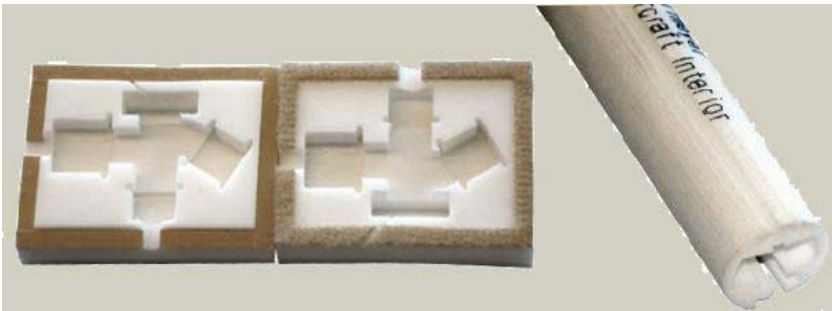
OSU Rigid

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	max. 74 kg/m ³
Thickness	20 mm
Dimensions	1500 mm x 750 mm
Flammability	meets the requirements of ABD 0031, FAR 25.856(a) FAR 25.853 (a)(1)(ii) Amdt.72 FAR 25.853 (d) App. F Pt IV FAR 25.853 (d) 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
Density	ISO 845	kg/m ³	33
Compression stress value(CV ₄₀)	ISO 7214	kPa	max.150
Tensile strength	ISO 1798	kpa	min.1000
Elongation at break	ISO 1798	%	min. 90
Compression set Compressed by 50 % at 23 °C for 72 h	ISO 1856B	%	max. 20
Storage time		-	unlimited
Thermal conductivity at 50 °C	ISO 8302	$\frac{W}{m \cdot k}$	max 0.0369
Heat release	FAR 25.853(d) App F Pt IV	2 min. total HR (kWmin/m ²): pass @ 13mm Peak HR pass @ 13mm	
Smoke density	FAR 25.853(d) App F Pt V	pass @ 13 mm	
Smoke density	ABD0031 para.7.3.2	pass @ 13 mm	
Toxic gas emission	ABD0031 para.7.4	pass @ 13 mm	
Vertical bunsen burner	FAR 25.853(a) App F Pt I(a)(1)(ii)	pass @ 25 mm	
Radiant heat panel	FAR 25.856(a) App F Pt VI	pass @ 3 mm and 25 mm	