



PVDF-FOAM Zotek® F

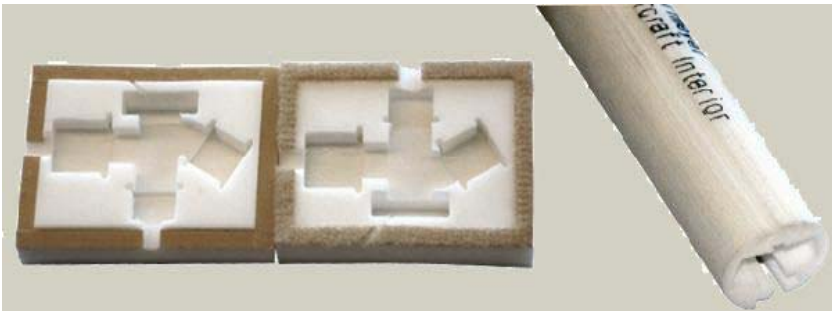
OSU Flexible

Applications	Interior soft trim in combination with leathers, textiles and decorative laminates
Material	closed cell Polyvinylidenfluorid (KYNAR®) -Foam. Unique properties make it ideal for a wide range of applications.
Colour	white
Typical properties	Flexible, formable, flame propagation resistant, low heat release (OSU), UV-resistant, low water absorption
Density	max. 33 kg/m ³
Thickness	25.4 mm
Dimensions	2000 mm x 1000 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 + 110 °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"> - cut - skived - welded - bonded <ul style="list-style-type: none"> - punched - thermo laminated - thermo formed - press formed <p style="text-align: right;">... without problems!</p>



PVDF-FOAM Zotek® F

OSU Flexible



Properties	Standard	Unit	F OSU Flexible
Density	ISO 845	kg/m ³	33
Compression stress value (CV ₄₀)	ISO 7214	kPa	max. 60
Tensile strength	ISO 1798	kpa	min. 245
Elongation at break	ISO 1798	%	min. 88
Compressions set Compressed by 50 % at 23 °C for 72 h	ISO 1856B	%	max. 17
Water absorption 168 h	ISO 1663	µm ⁻² s ⁻¹	172
Storage time		-	unlimited
Thermal conductivity at 40 °C	ISO 8302	$\frac{W}{m \cdot K}$	max 0.038
Heat release	FAR 25.853(d) App F Pt IV	2 min. total HR (kWmin/m ²): 39.9@ 25 mm Peak HR (kW/m ²): 49.1 @ 25mm	
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 25.853(a) App F Pt VI	pass @ 3 mm and 25 mm	