

XF901

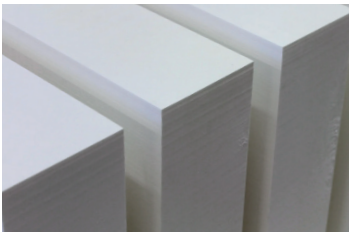
Pure Syntactic Foam

Insulation material

XF901 is typically used as honeycomb panel edge filler or insert.

End use: floors, ceilings and bulkheads for boats, trains and planes.

Composition: Epoxy matrix and glass microspheres.



BENEFITS

- XF901 mechanical and thermal properties allow heat press bonding (e.g. aluminium panels) as well as co-curing with prepreg fabrics
- Health hazard: may be irritating to the skin
- Fire resistant
- Auto extinguishable
- Halogen free and low smoke density when exposed to the flame

TECHNICAL DATA

Average density on a 1m³ batch	760 kg/m³ (± 40)	47.4 lb/ft³ (± 2.5)
Standard Block dimensions (L [±5] x W [±2] x H [±1])	850 x 400 x 175 mm	
Block volume (typical)	66.5 liters	
Compressive strength (Standard: NF EN ISO 844 - NF 56-101)	57.4 MPa	
Compressive modulus (Standard: NF EN ISO 844- NF 56-101)	1.5 GPa	
Flexural strength (Standard: NF EN ISO 178)	30.8 MPa	
Flexural modulus (Standard: NF EN ISO 178)	2.9 GPa	
Glass transition (DSC) (Tg standard: NF EN ISO 11 357)	120°C	

Typical mechanical properties done at 20°C. This document is presented in good faith, corresponding to average results and is not to be considered as specification. Depths shown are only for guidance. Every subsea application is unique, with different size, shape, operating conditions and demands. Calculations and material selection should be performed on individual conditions