









T-FIT® Clean

Modular cleanroom insulation

T-FIT® Clean is manufactured from Zotefoams ZOTEK® F42 HTLSS fine, closed cell foam, the only foam product to be specification tested to FM4910 Clean Room Materials Protocol.

The values provided in this Product Information Sheet represent information gathered from random samples of our flat sheet material. These are given to the best of our knowledge and should be considered as guidance only.

Typical Values

Property	Test Standard	Typical Value
Material	Manufactured from an FDA-compliant resin	
 Service Temperature	*See Notes Below	-80 °C to +160 °C (-112 °F to + 320 °F)
 Thermal Conductivity Mean temperature of 0 °C (32 °F) Mean temperature of 25 °C (77 °F) Mean temperature of 80 °C (176 °F)	ISO 8301	0.031 W/m.K (0.22 Btu.in/h.ft2 °F) 0.034 W/m.K (0.24 Btu.in/h.ft2 °F) 0.042 W/m.K (0.29 Btu.in/h.ft2 °F)
 Fire Testing Euroclass UL723 / ASTM E84 AS 1530	EN13501-1 Thickness: 6.35mm Material Thickness Flaming Spread Index Smoke Developed Index	B - s1, d0 0.27" 0 10
	Gauge mm Ignitability Spread of flame Heat Evolved Smoke Dev	
	6.35 0 0 0 1	
	12.7 0 0 0 0 -1	
 Water Vapour Transmission	ISO 1663:2007(E)	8750 µ Value
 Outgassing ISO-AMC class	VDI 2083-P17 ISO 14644-8**	44.18µg/g -8.5
 Fungus Resistance	ASTM G21-15	Full test complete No signs after 28 days
 Leachable Ions	ASTM C-871	Low level of leachable ions
 Factory Mutual 4910 Cleanroom Materials Flammability Test Protocol		Specification tested

* This information is based on internal testing and represents peak temperatures only. For continuous use or advice on product specification with respect to condensation control or temperatures below -80°C, please contact your local T-FIT® representative.

** Based on independent testing and commentary. Test reports can be made available upon request.

T-FIT® Clean

Pre-fabricated and custom insulation for every application



Straight



Unequal Tee



90 Degree Elbow



Flange/Valve Box



Clean Tee



Clean Reducer



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