









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	ISO 8301	Mean temperature of 0 °C (32 °F) 0.031 W/m.K (0.22 Btu.in/h.ft2 °F)
Mean temperature of 25 °C (77 °F)		0.034 W/m.K (0.24 Btu.in/h.ft2 °F)
Mean temperature of 80 °C (176 °F)		0.042 W/m.K (0.29 Btu.in/h.ft2 °F)
 Fire Testing	EN13501-1	B - s1, d0
Euroclass	Thickness: 6.35mm	
UL723 / ASTM E84	Material Thickness	0.27"
	Flaming Spread Index	0
	Smoke Developed Index	10
AS 1530	Gauge mm	Ignitability
	6.35	0
	12.7	0
	Spread of flame	Heat Evolved
	0	0
	0	0
	Smoke Dev	
		1
		0 -1
 Water Vapour Transmission	ISO 1663:2007(E)	8750 µ Value
 Outgassing	VDI 2083-P17	44.18µg/g
ISO-AMC class	ISO 14644-8**	-8.5
 Fungus Resistance	ASTM G21-15	Full test complete No signs after 28 days
 Leachable Ions	ASTM C-871	Pass
 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, full report available on 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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