







T-FIT® Hygiene

Insulation tailored for FMCG production processes

T-FIT® Hygiene is manufactured from Zotefoams ZOTEK® F43 HT closed cell PVDF foam. The values provided in this Product Information Sheet represent data gathered from random samples of our production of ZOTEK F43 HT Flat Sheets from which T-FIT Hygiene is produced and represent typical data. These are given to the best of our knowledge and should be considered as guidance only for selecting a suitable grade for a given application.

Typical Values

Property	Test Standard	Typical Value
Material	Manufactured from an FDA-compliant resin	
 Service Temperature	*See Notes Below	-80 °C TO + 145 °C (-112°F to +293 °F)
 Thermal Conductivity	ISO 8301	Mean temperature of 25°C (77°F)
Mean temperature of 50°C (122°F)		0.034 W/m.K (0.24 Btu.in/h.ft² °F)
Mean temperature of 80°C (176°F)		0.037 W/m.K (0.26 Btu.in/h.ft² °F)
		0.040 W/m.K (0.28 Btu.in/h.ft² °F)
 Fire Testing	Euroclass	
	EN13501-1	B - s1, d0
	Thickness: 6.35-12.7mm	
AS 1530	Gauge mm	Ignitability
	5	0
		Spread of flame
		0
		Heat Evolved
		0
		Smoke Dev
		1
 Water Vapour Transmission	ISO 1663:2007(E)	7250 µ Value
 Fungus Resistance	ASTM G21-15	Full test complete No signs after 28 days
 Leachable Ions	ASTM C-871	Low level of leachable ions

* This information is based on internal testing. 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. Test reports can be made available upon request.



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Safety
OHS 52538
ISO 45001: 2018



Environment
EMS 36270
ISO 14001:2015

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