

T-FIT[®] Clean

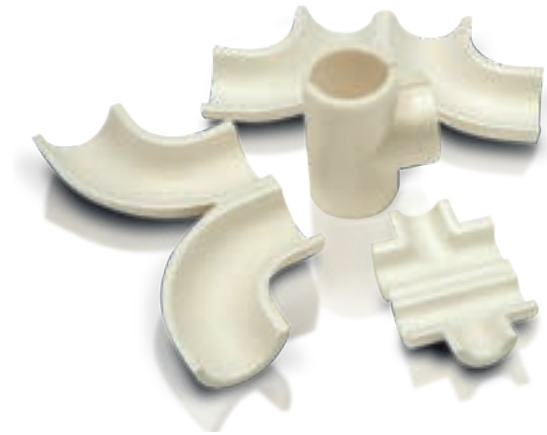
T-FIT[®] INSULATION

Fit to perform. Fit to last

Product information

Typical Values

T-FIT[®] Clean is manufactured from Zotefoams ZOTEK[®] F42 HT LS 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 data gathered from random samples of our production of Zotek F42HTLS from which T-FIT Clean 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.



Property	Test Standard	Typical Value
Material		Manufactured from an FDA Compliant Kynar [®] based resin
Service Temperature	See Notes Below*	-112 °F to +320 °F
Thermal Conductivity		
Mean temperature 32 °F	ISO 8301	0.0314 W/m.K (0.22 Btu.in/h.ft ² °F)
Mean temperature 77 °F		0.0347 W/m.K (0.24 Btu.in/h.ft ² °F)
Mean temperature 176 °F		0.0434 W/m.K (0.30 Btu.in/h.ft ² °F)
Fire Certification		
Euroclass	EN13501-1	B - s1, d0
UL723 / ASTM E84	Material Thickness	1/8" 1"
	Flaming Spread Index	0 10
	Smoke Developed Index	0 40-75
AS 1530	Gauge inches	Ignitability
	0.2"	0
	1"	0
		Spread of flame
		0
		Heat Evolved
		0
		Smoke Dev
		1
		0/1
Water Vapor Transmission	ISO 1663	6500, μ Value
Outgassing	VDI 2083-P17	8.86 μg/g (ppm)
ISO-AMC class	ISO 14644-8**	-10
Fungus Resistance	ASTM G21-15	Full test complete No signs after 28 days
Factory Mutual 4910 Cleanroom Materials Flammability Test Protocol		Specification Tested

*These are extreme temperatures. For continuous use or advice on product specification with respect to condensation control please contact your local T-FIT[®] representative. ** Based on independent testing and commentary, full report available on request.

Product Code	Description: T-FIT Clean - ASME BPE	Insulation Sizing ID	Product
ZAFCK99930	ASME BPE 0.25" OD 6.35mm T-FIT Clean Insulating Straight 6.35mm THK	0.25"	Straight
ZAFCK06381	ASME BPE 0.375" OD 9.53mm T-FIT Clean Insulating Straight 6.35mm THK	0.375"	Straight
ZAFCK06382	ASME BPE 0.5" OD 12.70mm T-FIT Clean Insulating Straight 6.35mm THK	0.5"	Straight
ZAFCK06383	ASME BPE 0.75" OD 19.05mm T-FIT Clean Insulating Straight 6.35mm THK	0.75"	Straight
ZAFCK06384	ASME BPE 1.0" OD 25.40mm T-FIT Clean Insulating Straight 6.35mm THK	1.0"	Straight
ZAFCK06385	ASME BPE 1.5" OD 38.10mm T-FIT Clean Insulating Straight 6.35mm THK	1.5"	Straight
ZAFCK06386	ASME BPE 2.0" OD 50.8mm T-FIT Clean Insulating Straight 6.35mm THK	2.0"	Straight
ZAFCK06387	ASME BPE 2.5" OD 63.50mm T-FIT Clean Insulating Straight 6.35mm THK	2.5"	Straight
ZAFCK06388	ASME BPE 3.0" OD 76.20mm T-FIT Clean Insulating Straight 6.35mm THK	3.0"	Straight
ZAFCK06787	ASME BPE 3.5" OD 88.90mm T-FIT Clean Insulating Straight 6.35mm THK	3.5"	Straight
ZAFCK06522	ASME BPE 4.0" OD 101.6mm T-FIT Clean Insulating Straight 6.35mm THK	4.0"	Straight
ZAFCK99930-NT	ASME BPE 0.25" OD 6.35mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	0.25"	Straight
ZAFCK06381-NT	ASME BPE 0.375" OD 9.53mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	0.375"	Straight
ZAFCK06382-NT	ASME BPE 0.5" OD 12.70mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	0.5"	Straight
ZAFCK06383-NT	ASME BPE 0.75" OD 19.05mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	0.75"	Straight
ZAFCK06384-NT	ASME BPE 1.0" OD 25.40mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	1.0"	Straight
ZAFCK06385-NT	ASME BPE 1.5" OD 38.10mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	1.5"	Straight
ZAFCK06386-NT	ASME BPE 2.0" OD 50.8mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	2.0"	Straight
ZAFCK06387-NT	ASME BPE 2.5" OD 63.50mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	2.5"	Straight
ZAFCK06388-NT	ASME BPE 3.0" OD 76.20mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	3.0"	Straight
ZAFCK06522-NT	ASME BPE 4.0" OD 101.60mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	4.0"	Straight
ZAFCK05880	ASME BPE 0.375" OD 9.53mm T-FIT Clean Insulating Elbow 6.35mm THK	0.375"	Elbow
ZAFCK05814	ASME BPE 0.5" OD 12.70mm T-FIT Clean Insulating Elbow 6.35mm THK	0.5"	Elbow
ZAFCK05815	ASME BPE 0.75" OD 19.05mm T-FIT Clean Insulating Elbow 6.35mm THK	0.75"	Elbow
ZAFCK05816	ASME BPE 1.0" OD 25.40mm T-FIT Clean Insulating Elbow 6.35mm THK	1.0"	Elbow
ZAFCK05615	ASME BPE 1.5" OD 38.10mm T-FIT Clean Insulating Elbow 6.35mm THK	1.5"	Elbow
ZAFCK05616	ASME BPE 2.0" OD 50.80mm T-FIT Clean Insulating Elbow 6.35mm THK	2.0"	Elbow
ZAFCK05898	ASME BPE 2.5" OD 63.50mm T-FIT Clean Insulating Elbow 6.35mm THK	2.5"	Elbow
ZAFCK05899	ASME BPE 3.0" OD 76.20mm T-FIT Clean Insulating Elbow 6.35mm THK	3.0"	Elbow
ZAFCK06878	ASME BPE 3.5" OD 88.90mm T-FIT Clean Insulating Elbow 6.35mm THK	3.5"	Elbow
ZAFCK06523	ASME BPE 4.0" OD 101.6mm T-FIT Clean Insulating Elbow 6.35mm THK	4.0"	Elbow
ZAFCK05900	ASME BPE 0.375" OD 9.53mm T-FIT Clean Insulating Tee 6.35mm THK	0.375"	Tee
ZAFCK05743	ASME BPE 0.5" OD 12.70mm T-FIT Clean Insulating Tee 6.35mm THK	0.5"	Tee
ZAFCK05744	ASME BPE 0.75" OD 19.05mm T-FIT Clean Insulating Tee 6.35mm THK	0.75"	Tee
ZAFCK05745	ASME BPE 1.0" OD 25.40mm T-FIT Clean Insulating Tee 6.35mm THK	1.0"	Tee
ZAFCK05746	ASME BPE 1.5" OD 38.10mm T-FIT Clean Insulating Tee 6.35mm THK	1.5"	Tee
ZAFCK05747	ASME BPE 2.0" OD 50.80mm T-FIT Clean Insulating Tee 6.35mm THK	2.0"	Tee
ZAFCK05901	ASME BPE 2.5" OD 63.50mm T-FIT Clean Insulating Tee 6.35mm THK	2.5"	Tee
ZAFCK05902	ASME BPE 3.0" OD 76.20mm T-FIT Clean Insulating Tee 6.35mm THK	3.0"	Tee
ZAFCK06381-EU	ISO 1127 DN6 OD 10.2mm T-FIT Clean Insulating Straight 6.35mm THK	DN6	Straight
ZAFCK06382-EU	ISO 1127 DN8 OD 13.5mm T-FIT Clean Insulating Straight 6.35mm THK	DN8	Straight
ZAFCK06500	ISO 1127 DN10 OD 17.2mm T-FIT Clean Insulating Straight 6.35mm THK	DN10	Straight
ZAFCK06501	ISO 1127 DN15 OD 21.3mm T-FIT Clean Insulating Straight 6.35mm THK	DN15	Straight
ZAFCK06502	ISO 1127 DN20 OD 26.9mm T-FIT Clean Insulating Straight 6.35mm THK	DN20	Straight
ZAFCK06457	ISO 1127 DN25 OD 33.7mm T-FIT Clean Insulating Straight 6.35mm THK	DN25	Straight
ZAFCK06503	ISO 1127 DN32 OD 42.4mm T-FIT Clean Insulating Straight 6.35mm THK	DN32	Straight
ZAFCK06564	ISO 1127 DN40 OD 48.3mm T-FIT Clean Insulating Straight 6.35mm THK	DN40	Straight
ZAFCK06835	ISO 1127 DN50 OD 60.3mm T-FIT Clean Insulating Straight 6.35mm THK	DN50	Straight
ZAFCK06388-EU	ISO 1127 DN65 OD 76.1mm T-FIT Clean Insulating Straight 6.35mm THK	DN65	Straight

Product Code	Description: T-FIT Clean - ASME BPE	Insulation Sizing ID	Product
ZAFCK06381-EU-NT	ISO 1127 DN6 OD 10.2mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	DN6	Straight
ZAFCK06382-EU-NT	ISO 1127 DN8 OD 13.5mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	DN8	Straight
ZAFCK06500-NT	ISO 1127 DN10 OD 17.2mm T-FIT Clean Insulating Straight 6.35mm THK (No Tape)	DN10	Straight
ZAFCK06501-NT	ISO 1127 DN15 OD 21.3mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	DN15	Straight
ZAFCK06502-NT	ISO 1127 DN20 OD 26.9mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	DN20	Straight
ZAFCK06457-NT	ISO 1127 DN25 OD 33.7mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	DN25	Straight
ZAFCK06503-NT	ISO 1127 DN32 OD 42.4mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	DN32	Straight
ZAFCK06564-NT	ISO 1127 DN40 OD 48.3mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	DN40	Straight
ZAFCK06835-NT	ISO 1127 DN50 OD 60.3mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	DN50	Straight
ZAFCK06388-EU-NT	ISO 1127 DN65 OD 76.1mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	DN65	Straight
ZAFCK06525-NT	ISO 1127 DN80 OD 88.9mm T-FIT Clean Insulating Straight 6.35mm THK(No Tape)	DN80	Straight
ZAFCK05880-EU	ISO 1127 DN6 OD 10.2mm T-FIT Clean Insulating Elbow 6.35mm THK	DN6	Elbow
ZAFCK05814-EU	ISO 1127 DN8 OD 13.5mm T-FIT Clean Insulating Elbow 6.35mm THK	DN8	Elbow
ZAFCK06512	ISO 1127 DN10 OD 17.2mm T-FIT Clean Insulating Elbow 6.35mm THK	DN10	Elbow
ZAFCK06513	ISO 1127 DN15 OD 21.3mm T-FIT Clean Insulating Elbow 6.35mm THK	DN15	Elbow
ZAFCK06582	ISO 1127 DN20 OD 26.9mm T-FIT Clean Insulating Elbow 6.35mm THK	DN20	Elbow
ZAFCK06515	ISO 1127 DN25 OD 33.7mm T-FIT Clean Insulating Elbow 6.35mm THK	DN25	Elbow
ZAFCK06516	ISO 1127 DN32 OD 42.4mm T-FIT Clean Insulating Elbow 6.35mm THK	DN32	Elbow
ZAFCK06517	ISO 1127 DN40 OD 48.3mm T-FIT Clean Insulating Elbow 6.35mm THK	DN40	Elbow
ZAFCK06518	ISO 1127 DN50 OD 60.3mm T-FIT Clean Insulating Elbow 6.35mm THK	DN50	Elbow
ZAFCK05899-EU	ISO 1127 DN65 OD 76.1mm T-FIT Clean Insulating Elbow 6.35mm THK	DN65	Elbow
ZAFCK06816	ISO1127 3.0"NB OD 88.90mm T-FIT Clean Insulating Elbow 6.35mm THK	DN80	Elbow
ZAFCK05900-EU	ISO 1127 DN6 OD 10.2mm T-FIT Clean Insulating Tee 6.35mm THK	DN6	Tee
ZAFCK05743-EU	ISO 1127 DN8 OD 13.5mm T-FIT Clean Insulating Tee 6.35mm THK	DN8	Tee
ZAFCK06506	ISO 1127 DN10 OD 17.2mm T-FIT Clean Insulating Tee 6.35mm THK	DN10	Tee
ZAFCK06507	ISO 1127 DN15 OD 21.3mm T-FIT Clean Insulating Tee 6.35mm THK	DN15	Tee
ZAFCK06583	ISO 1127 DN20 OD 26.9mm T-FIT Clean Insulating Tee 6.35mm THK	DN20	Tee
ZAFCK06508	ISO 1127 DN25 OD 33.7mm T-FIT Clean Insulating Tee 6.35mm THK	DN25	Tee
ZAFCK06509	ISO 1127 DN32 OD 42.4mm T-FIT Clean Insulating Tee 6.35mm THK	DN32	Tee
ZAFCK06510	ISO 1127 DN40 OD 48.3mm T-FIT Clean Insulating Tee 6.35mm THK	DN40	Tee
ZAFCK06511	ISO 1127 DN50 OD 60.3mm T-FIT Clean Insulating Tee 6.35mm THK	DN50	Tee
ZAFCK05902-EU	ISO 1127 DN65 OD 76.1mm T-FIT Clean Insulating Tee 6.35mm THK	DN65	Tee
AFCK06381-D	DIN 11850 DN8 OD 10.00mm T-FIT Clean Insulating Straight 6.35mm THK	DN8	Straight
ZAFCK06382-D	DIN 11850 DN10 OD 13.00mm T-FIT Clean Insulating Straight 6.35mm THK	DN10	Straight
ZAFCK06383-D	DIN 11850 DN15 OD 19.00mm T-FIT Clean Insulating Straight 6.35mm THK	DN15	Straight
ZAFCK06888	DIN 11850 DN20 OD 23.00mm T-FIT Clean Insulating Straight 6.35mm THK	DN20	Straight
ZAFCK06889	DIN 11850 DN25 OD 29.00mm T-FIT Clean Insulating Straight 6.35mm THK	DN25	Straight
ZAFCK06890	DIN 11850 DN32 OD 35.00mm T-FIT Clean Insulating Straight 6.35mm THK	DN32	Straight
ZAFCK06503-D	DIN 11850 DN40 OD 41.00mm T-FIT Clean Insulating Straight 6.35mm THK	DN40	Straight
ZAFCK06891	DIN 11850 DN50 OD 53.00mm T-FIT Clean Insulating Straight 6.35mm THK	DN50	Straight
ZAFCK06297	DIN 11850 DN65 OD 70.00mm T-FIT Clean Insulating Straight 6.35mm THK	DN65	Straight
ZAFCK06892	DIN 11850 DN80 OD 85.00mm T-FIT Clean Insulating Straight 6.35mm THK	DN80	Straight
ZAFCK06893	DIN 11850 DN100 OD 104.00mm T-FIT Clean Insulating Straight 6.35mm THK	DN100	Straight
ZAFCK06381-D-NT	DIN 11850 DN8 OD 10.00mm T-FIT Clean Insulating Straight 6.35mm THK (No Tape)	DN8	Straight
ZAFCK06382-D-NT	DIN 11850 DN10 OD 13.00mm T-FIT Clean Insulating Straight 6.35mm THK (No Tape)	DN10	Straight
ZAFCK06383-D-NT	DIN 11850 DN15 OD 19.00mm T-FIT Clean Insulating Straight 6.35mm THK (No Tape)	DN15	Straight
ZAFCK06888-NT	DIN 11850 DN20 OD 23.00mm T-FIT Clean Insulating Straight 6.35mm THK (No Tape)	DN20	Straight
ZAFCK06889-NT	DIN 11850 DN25 OD 29.00mm T-FIT Clean Insulating Straight 6.35mm THK (No Tape)	DN25	Straight
ZAFCK06890-NT	DIN 11850 DN32 OD 35.00mm T-FIT Clean Insulating Straight 6.35mm THK (No Tape)	DN32	Straight

Product Code	Description: T-FIT Clean - ASME BPE	Insulation Sizing ID	Product
ZAFCK06891-NT	DIN 11850 DN50 OD 53.00mm T-FIT Clean Insulating Straight 6.35mm THK (No Tape)	DN50	Straight
ZAFCK06297-NT	DIN 11850 DN65 OD 70.00mm T-FIT Clean Insulating Straight 6.35mm THK (No Tape)	DN65	Straight
ZAFCK06892-NT	DIN 11850 DN80 OD 85.00mm T-FIT Clean Insulating Straight 6.35mm THK (No Tape)	DN80	Straight
ZAFCK05880-D	DIN 11850 DN8 OD 10.00mm T-FIT Clean Insulating Elbow 6.35mm THK	DN8	Elbow
ZAFCK05814-D	DIN 11850 DN10 OD 13.00mm T-FIT Clean Insulating Elbow 6.35mm THK	DN10	Elbow
ZAFCK05815-D	DIN 11850 DN15 OD 19.00mm T-FIT Clean Insulating Elbow 6.35mm THK	DN15	Elbow
ZAFCK06874	DIN 11850 DN20 OD 23.00mm T-FIT Clean Insulating Elbow 6.35mm THK	DN20	Elbow
ZAFCK06875	DIN 11850 DN25 OD 29.00mm T-FIT Clean Insulating Elbow 6.35mm THK	DN25	Elbow
ZAFCK06876	DIN 11850 DN32 OD 35.00mm T-FIT Clean Insulating Elbow 6.35mm THK	DN32	Elbow
ZAFCK06516-D	DIN 11850 DN40 OD 41.00mm T-FIT Clean Insulating Elbow 6.35mm THK	DN40	Elbow
ZAFCK06877	DIN 11850 DN50 OD 53.00mm T-FIT Clean Insulating Elbow 6.35mm THK	DN50	Elbow
ZAFCK05238	DIN 11850 DN65 OD 70.00mm T-FIT Clean Insulating Elbow 6.35mm THK	DN65	Elbow
ZAFCK06878-D	DIN 11850 DN80 OD 85.00mm T-FIT Clean Insulating Elbow 6.35mm THK	DN80	Elbow
ZAFCK05743-D	DIN 11850 DN10 OD 13.00mm T-FIT Clean Insulating Tee 6.35mm THK	DN10	Tee
ZAFCK05744-D	DIN 11850 DN15 OD 19.00mm T-FIT Clean Insulating Tee 6.35mm THK	DN15	Tee
ZAFCK06509-D	DIN 11850 DN40 OD 41.00mm T-FIT Clean Insulating Tee 6.35mm THK	DN40	Tee
ZAFCK05900-D	DIN 11850 DN8 OD 10.00mm T-FIT Clean Insulating Tee 6.35mm THK	DN8	Tee
ZAFCK06879	DIN 11850 DN20 OD 23.00mm T-FIT Clean Insulating Tee 6.35mm THK	DN20	Tee
ZAFCK06880	DIN 11850 DN25 OD 29.00mm T-FIT Clean Insulating Tee 6.35mm THK	DN25	Tee
ZAFCK06881	DIN 11850 DN32 OD 35.00mm T-FIT Clean Insulating Tee 6.35mm THK	DN32	Tee
ZAFCK06882	DIN 11850 DN50 OD 53.00mm T-FIT Clean Insulating Tee 6.35mm THK	DN50	Tee
ZAFCK06883	DIN 11850 DN65 OD 70.00mm T-FIT Clean Insulating Tee 6.35mm THK	DN65	Tee

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