

T-FIT[®] Hygiene



Fit to perform. **Fit** to last

Product information

Typical Values

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 T-FIT[®] Hygiene foam 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		ZOTEK [®] F43 HT Closed Cell PVDF Foam
Service Temperature	See Notes Below*	-80 °C to +145 °C (-112 °F to +293 °F)
Thermal Conductivity		
Mean temperature of 25 °C (77 F)		0.034 W/m.K (0.24 Btu.in/h.ft ² °F)
Mean temperature of 50 °C (122 F)	ISO 8301	0.037 W/m.K (0.26 Btu.in/h.ft ² °F)
Mean temperature of 80 °C (176 F)		0.040 W/m.K (0.28 Btu.in/h.ft ² °F)
Fire Certification		
Euroclass	EN13501-1	B – s1,d0
AS 1530	Gauge mm Ignitability Spread of flame Heat Evolved Smoke Dev	
	5 0 0 0 1	
	25 0 0 0 1	
Water Vapour Transmission	ISO 1663	7250, μ Value
Leachable Ions	ASTM C-871	Pass
Fungus Resistance	ASTM G21-15	Full test complete No signs after 28 days

* These are extreme temperatures. For continuous use or advice on product specification with respect to condensation control please contact your local T-FIT[®] representative

Product Code	Description: T-FIT Hygiene, Straight Tubes	Standard	Insulation in	Sizing mm
TFHS012A12U000-9001	ASME BPE 0.5" OD 12.7MM T-FIT Hygiene Insulating Straight 12.7mm THK	ASME BPE	0.5"	12.70
TFHS012A06U000-9001	ASME BPE 0.5" OD 12.7MM T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	0.5"	12.70
TFHS019A12U000-9002	ASME BPE 0.75" OD 19.0MM T-FIT Hygiene Insulating Straight 12.7mm THK	ASME BPE	0.75"	19.00
TFHS019A06U000-9002	ASME BPE 0.75" OD 19.0MM T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	0.75"	19.00
TFHS025A12U000-9003	ASME BPE 1.0" OD 25.40mm T-FIT Hygiene Insulating Straight 12.70mm THK	ASME BPE	1.0"	25.40
TFHS025A06U000-9003	ASME BPE 1.0" OD 25.40mm T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	1.0"	25.40
TFHS038A12U000-9004	ASME BPE 1.5" OD 38.10mm T-FIT Hygiene Insulating Straight 12.70mm THK	ASME BPE	1.5"	38.10
TFHS038A06U000-9004	ASME BPE 1.5" OD 38.10mm T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	1.5"	38.10
TFHS050A12U000-9005	ASME BPE 2.0" OD 50.80mm T-FIT Hygiene Insulating Straight 12.70mm THK	ASME BPE	2.0"	50.80
TFHS050A06U000-9005	ASME BPE 2.0" OD 50.80mm T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	2.0"	50.80
TFHS063A12U000-9006	ASME BPE 2.5" OD 63.50mm T-FIT Hygiene Insulating Straight 12.70mm THK	ASME BPE	2.5"	63.50
TFHS063A06U000-9006	ASME BPE 2.5" OD 63.50mm T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	2.5"	63.50
TFHS076A12U000-9007	ASME BPE 3.0" OD 76.20mm T-FIT Hygiene Insulating Straight 12.70mm THK	ASME BPE	3.0"	76.20
TFHS076A06U000-9007	ASME BPE 3.0" OD 76.20mm T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	3.0"	76.20
TFHS101A12U000-9008	ASME BPE 4.0" OD 101.60mm T-FIT Hygiene Insulating Straight 12.70mm THK	ASME BPE	4.0"	101.60
TFHS101A06U000-9008	ASME BPE 4.0" OD 101.60mm T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	4.0"	101.60
TFHS021H12U000-9009	ISO 1127 DN15 OD 21.3mm T-FIT Hygiene Insulating Straight 12.7mm THK	ISO 1127	DN15	21.30
TFHS021H06U000-9009	ISO 1127 DN15 OD 21.3mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN15	21.30
TFHS026H12U000-9010	ISO 1127 DN20 OD 26.9MM T-FIT Hygiene Insulating Straight 12.7mm THK	ISO 1127	DN20	26.90
TFHS026H06U000-9010	ISO 1127 DN20 OD 26.9mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN20	26.90
TFHS033H12U000-9011	ISO 1127 DN25 OD 33.7mm T-FIT Hygiene Insulating Straight 12.7mm THK	ISO 1127	DN25	33.70
TFHS033H06U000-9011	ISO 1127 DN25 OD 33.7mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN25	33.70
TFHS048H12U000-9012	ISO 1127 DN40 OD 48.3mm T-FIT Hygiene Insulating Straight 12.7mm THK	ISO 1127	DN40	48.30
TFHS048H06U000-9012	ISO 1127 DN40 OD 48.3mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN40	48.30
TFHS060H12U000-9013	ISO 1127 DN50 OD 60.3mm T-FIT Hygiene Insulating Straight 12.7mm THK	ISO 1127	DN50	60.30
TFHS060H06U000-9013	ISO 1127 DN50 OD 60.3mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN50	60.30
TFHS076H12U000-9014	ISO 1127 DN65 OD 76.1mm T-FIT Hygiene Insulating Straight 12.7mm THK	ISO 1127	DN65	76.10
TFHS076H06U000-9014	ISO 1127 DN65 OD 76.1mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN65	76.10
TFHS088H12U000-9015	ISO 1127 DN80 OD 88.9mm T-FIT Hygiene Insulating Straight 12.7mm THK	ISO 1127	DN80	88.90
TFHS088H06U000-9015	ISO 1127 DN80 OD 88.9mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN80	88.90
TFHS114H06U000-9016	ISO 1127 DN100 OD 114.3mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN100	114.30
TFHS023D06U000-9004	DIN 11850 DN20 OD 23.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN20	23.00
TFHS029D06U000-9005	DIN 11850 DN25 OD 29.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN25	29.00
TFHS036D06U000-9006	DIN 11850 DN32 OD 35.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN32	35.00
TFHS041D06U000-9007	DIN 11850 DN40 OD 41.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN40	41.00
TFHS053D06U000-9008	DIN 11850 DN50 OD 53.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN50	53.00
TFHS070D06U000-9009	DIN 11850 DN65 OD 70.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN65	70.00

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Zotefoams plc Management systems are covered by the following:



Quality
FM 01870
ISO 9001:2015



Safety
OHS 52538
ISO 45001: 2018



Environment
EMS 36270
ISO 14001:2015

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