

# T-FIT<sup>®</sup> Hygiene

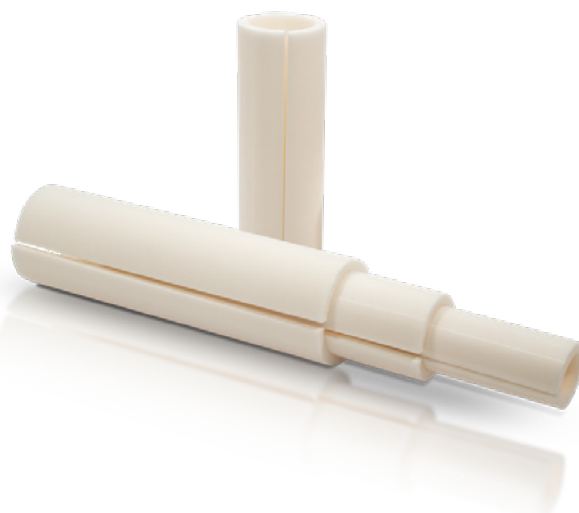


## Product information

### Typical Values

T-FIT<sup>®</sup> Hygiene is manufactured from Zotefoams ZOTEK<sup>®</sup> 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<sup>®</sup> 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
<b>Material</b>		ZOTEK <sup>®</sup> F43 HT Closed Cell PVDF Foam
<b>Service Temperature</b>	See Notes Below*	-112 °F to +293 °F
<b>Thermal Conductivity</b>		
Mean temperature of 77 °F		0.034 W/m.K (0.24 Btu.in/h.ft <sup>2</sup> °F)
Mean temperature of 122 °F	ISO 8301	0.037 W/m.K (0.26 Btu.in/h.ft <sup>2</sup> °F)
Mean temperature of 176 °F		0.040 W/m.K (0.28 Btu.in/h.ft <sup>2</sup> °F)
<b>Fire Certification</b>		
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	
<b>Water Vapor Transmission</b>	ISO 1663	7250, μ Value
<b>Leachable Ions</b>	ASTM C-871	Pass
<b>Fungus Resistance</b>	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<sup>®</sup> representative

Product Code	Description: T-FIT Hygiene, Straight Tubes	Standard	Insulation Sizing
TFHS012A06U000-9001	ASME BPE 0.5" OD 12.7MM T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	0.5"
TFHS019A06U000-9002	ASME BPE 0.75" OD 19.0MM T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	0.75"
TFHS025A12U000-9003	ASME BPE 1.0" OD 25.40mm T-FIT Hygiene Insulating Straight 12.70mm THK	ASME BPE	1.0"
TFHS025A06U000-9003	ASME BPE 1.0" OD 25.40mm T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	1.0"
TFHS038A12U000-9004	ASME BPE 1.5" OD 38.10mm T-FIT Hygiene Insulating Straight 12.70mm THK	ASME BPE	1.5"
TFHS038A06U000-9004	ASME BPE 1.5" OD 38.10mm T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	1.5"
TFHS050A12U000-9005	ASME BPE 2.0" OD 50.80mm T-FIT Hygiene Insulating Straight 12.70mm THK	ASME BPE	2.0"
TFHS050A06U000-9005	ASME BPE 2.0" OD 50.80mm T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	2.0"
TFHS063A12U000-9006	ASME BPE 2.5" OD 63.50mm T-FIT Hygiene Insulating Straight 12.70mm THK	ASME BPE	2.5"
TFHS063A06U000-9006	ASME BPE 2.5" OD 63.50mm T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	2.5"
TFHS076A12U000-9007	ASME BPE 3.0" OD 76.20mm T-FIT Hygiene Insulating Straight 12.70mm THK	ASME BPE	3.0"
TFHS076A06U000-9007	ASME BPE 3.0" OD 76.20mm T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	3.0"
TFHS101A12U000-9008	ASME BPE 4.0" OD 101.60mm T-FIT Hygiene Insulating Straight 12.70mm THK	ASME BPE	4.0"
TFHS101A06U000-9008	ASME BPE 4.0" OD 101.60mm T-FIT Hygiene Insulating Straight 6.35mm THK	ASME BPE	4.0"
TFHS021I06U000-9009	ISO 1127 DN15 OD 21.3mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN15
TFHS026I06U000-9010	ISO 1127 DN20 OD 26.9mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN20
TFHS033I06U000-9011	ISO 1127 DN25 OD 33.7mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN25
TFHS048I06U000-9012	ISO 1127 DN40 OD 48.3mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN40
TFHS060I06U000-9013	ISO 1127 DN50 OD 60.3mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN50
TFHS076I06U000-9014	ISO 1127 DN65 OD 76.1mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN65
TFHS088I06U000-9015	ISO 1127 DN80 OD 88.9mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN80
TFHS114I06U000-9016	ISO 1127 DN100 OD 114.3mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN100
TFHS042I06U000-9017	ISO 1127 DN32 OD 42.4mm T-FIT Hygiene Insulating Straight 6.35mm THK	ISO 1127	DN32
TFHS023D06U000-9004	DIN 11850 DN20 OD 23.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN20
TFHS029D06U000-9005	DIN 11850 DN25 OD 29.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN25
TFHS035D06U000-9006	DIN 11850 DN32 OD 35.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN32
TFHS041D06U000-9007	DIN 11850 DN40 OD 41.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN40
TFHS053D06U000-9008	DIN 11850 DN50 OD 53.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN50
TFHS070D06U000-9009	DIN 11850 DN65 OD 70.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN65
TFHS085D12U000-9010	DIN 11850 DN80 OD 85.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN80
TFHS104D06U000-9011	DIN 11850 DN100 OD 104.00mm T-FIT Hygiene Insulating Straight 6.35mm THK	DIN 11850	DN100

**Remark:** This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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ISO 45001: 2018



Environment  
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