



T-FIT[®] CLEAN

21st Century Closed Cell Clean Technology Insulation

Clean Technology Insulation: ISO 1127 Tube

TECHNICAL DATA		
DESCRIPTION	VALUES	NOTES
Material	ZOTEK® F42HTLS CLOSED CELL PVDF FOAM	KYNAR[®] Resin
Service Temperature	-80°C to +160°C	Continuous (Plant Steam/Clean Steam/Chilled)
Thermal Conductivity	0.0317 W/(m.K)	ASTM C-518
Water Vapour Permeability	0.02 grains/hr	ASTM E-96
Outgassing (VOC)	29.1µg/g	Limit 1000µg/g
Mould & Bacteria Growth	No signs after 28 days	ASTM G21-96 (2002 Revision)
Euro-class	B s1 d0	EN13501-1
ASTM E 84 / UL 723	Flame 5 / Smoke 5	Best in Class
Factory Mutual 4924 Pipe Chase Flammability Standard	APPROVED	
Factory Mutual 4910 Cleanroom Materials Test Protocol	SPECIFICATION TESTED	

ISO 1127 Standard				
DN	Tube OD (mm)	Straights	90° Elbow	Equal Tee
6	10.2	ZAFC06381-EU	ZAFC05880-EU	ZAFC05900-EU
8	13.5	ZAFC06382-EU	ZAFC05814-EU	ZAFC05743-EU
10	17.2	ZAFC06500	ZAFC06512	ZAFC06506
15	21.3	ZAFC06501	ZAFC06513	ZAFC06507
20	26.9	ZAFC06502	ZAFC06582	ZAFC06583
25	33.7	ZAFC06457	ZAFC06515	ZAFC06508
32	42.4	ZAFC06503	ZAFC06516	ZAFC06509
40	48.3	ZAFC06564	ZAFC06517	ZAFC06510
50	60.3	ZAFC06835	ZAFC06518	ZAFC06511
65	76.1	ZAFC06388-EU	ZAFC05899-EU	ZAFC05902-EU
80	88.9	ZAFC06525	ZAFC06816	

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Worldwide outside USA & China

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T-FIT® CLEAN

21st Century Closed Cell Clean Technology Insulation

Clean Technology Insulation: DIN11850 Series 2 Tube

TECHNICAL DATA		
DESCRIPTION	VALUES	NOTES
Material	ZOTEK® F42HTLS CLOSED CELL PVDF FOAM	KYNAR® Resin
Service Temperature	-80°C to +160°C	Continuous (Plant Steam/Clean Steam/Chilled)
Thermal Conductivity	0.0317 W/(m.K)	ASTM C-518
Water Vapour Permeability	0.02 grains/hr	ASTM E-96
Outgassing (VOC)	29.1µg/g	Limit 1000µg/g
Mould & Bacteria Growth	No signs after 28 days	ASTM G21-96 (2002 Revision)
Euro-class	B s1 d0	EN13501-1
ASTM E 84 / UL 723	Flame 5 / Smoke 5	Best in Class
Factory Mutual 4924 Pipe Chase Flammability Standard	APPROVED	
Factory Mutual 4910 Cleanroom Materials Test Protocol	SPECIFICATION TESTED	

DIN 11850 Series 2 / DIN 11866 Code 1A Standard.

DN	Tube OD (mm)	Straights	90° Elbow	Equal Tee
8	10	ZAFC06381-D	ZAFC05880-D	ZAFC05900-D
10	13	ZAFC06382-D	ZAFC05814-D	ZAFC05743-D
15	19	ZAFC06383-D	ZAFC05815-D	ZAFC05744-D
20	23	ZAFC06888	ZAFC06874	ZAFC06879
25	29	ZAFC06889	ZAFC06875	ZAFC06880
32	36	ZAFC06890	ZAFC06876	ZAFC06881
40	41	ZAFC06503-D	ZAFC06516-D	ZAFC06509-D
50	53	ZAFC06891	ZAFC06877	ZAFC06882
65	70	ZAFC06297	ZAFC05238	
80	85	ZAFC06892	ZAFC06878	
100	104	ZAFC06893	ZAFC06910	

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T-FIT® CLEAN

21st Century Closed Cell Clean Technology Insulation

Clean Technology Insulation: ASME BPE Tube

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Thermal Conductivity	0.0317 W/(m.K)	ASTM C-518
Water Vapour Permeability	0.02 grains/hr	ASTM E-96
Outgassing (VOC)	29.1µg/g	Limit 1000µg/g
Mould & Bacteria Growth	No signs after 28 days	ASTM G21-96 (2002 Revision)
Euro-class	B s1 d0	EN13501-1
ASTM E 84 / UL 723	Flame 5 / Smoke 5	Best in Class
Factory Mutual 4924 Pipe Chase Flammability Standard	APPROVED	
Factory Mutual 4910 Cleanroom Materials Test Protocol	SPECIFICATION TESTED	

ASME BPE Standard

DN	Tube OD (mm)	Straights	90° Elbow	45° Elbow	Equal Tee
0.250	6.4	ZAFC99930			
0.375	9.5	ZAFC06381	ZAFC05880		ZAFC05900
0.500	12.7	ZAFC06382	ZAFC05814		ZAFC05743
0.750	19.0	ZAFC06383	ZAFC05815		ZAFC05744
1.000	25.4	ZAFC06384	ZAFC05816		ZAFC05745
1.500	38.1	ZAFC06385	ZAFC05615		ZAFC05746
2.000	50.8	ZAFC06386	ZAFC05616		ZAFC05747
2.500	63.5	ZAFC06387	ZAFC05898	ZAFC06697	ZAFC05901
3.000	76.2	ZAFC06388	ZAFC05899	ZAFC06898	ZAFC05902
3.500	88.9	ZAFC06787	ZAFC06878		
4.000	101.6	ZAFC06522	ZAFC06523	ZAFC06626	
4.500	114.3	ZAFC06788			
5.000	129.0	ZAFC06791			
6.000	153.9	ZAFC06860			

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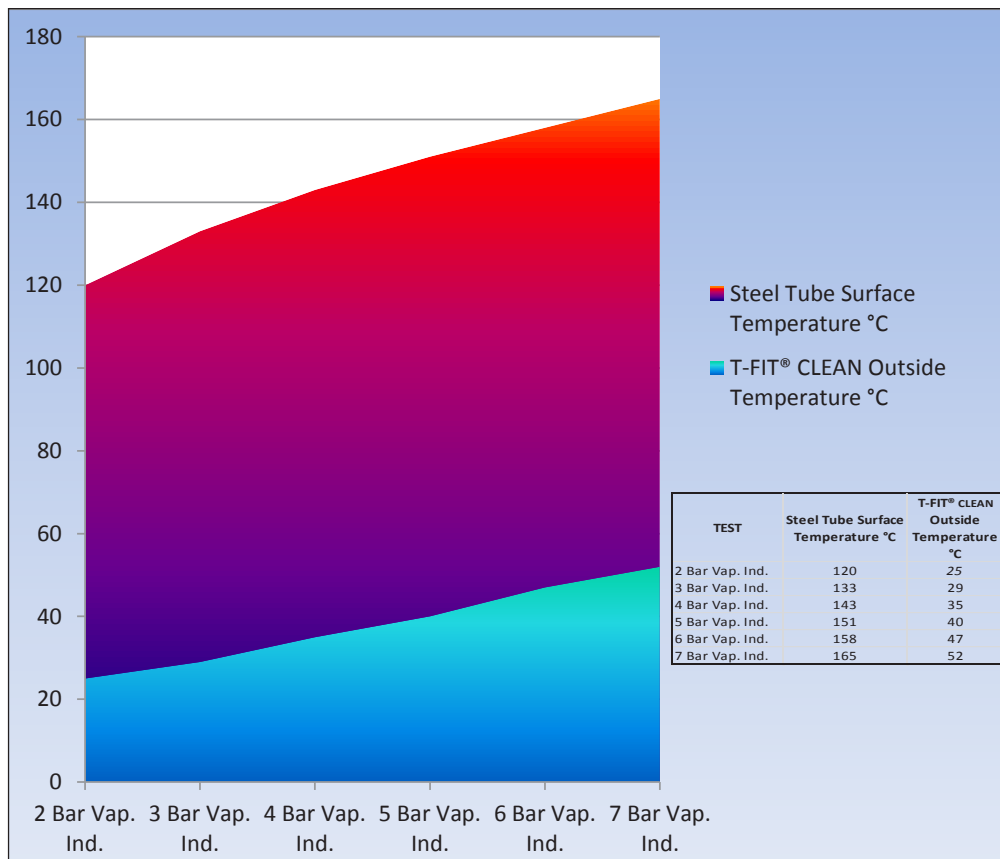


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