3i International Innovative Insulation A.B.E.

ISOPIPE® TC

TECHNICAL DATA SHEET

Property	Technical Data	Test Method	Lab/Test Reports
Density	**60 – 75 Kgr/m3**	prEN 13470 and EN 1602	self monitoring
Tensile strength	>0,15 Mpa	EN ISO 1798	self monitoring
Elogation at break	>150 %	EN ISO 1798	self monitoring
Diameter tolerance min-max allowed tolerances of insulation above the external diameter of the pipe	Ø6 - Ø54 +1mm - +2mm Ø60 - Ø76 +1mm - +3mm Ø88 - Ø139 +1mm - +4mm	PrEN 13467	self monitoring
Thickness	6mm,9mm,13mm ±1 19mm ±2 25mm,30mm ±2,5	PrEN 13467	self monitoring
Thermal Conductivity (λ)	0°C 0,035W/mk 20°C 0,037W/mk 40°C 0,040W/mk	EN 12667 EN ISO 8497	self monitoring ΔΗΜΟΚΡΙΤΟΣ
W. V. diffusion resistance (μ)	**≥4000**	EN 13469 and EN12086	self monitoring RTU BDA KEUR
Corrosion Resistance	Water soluble ions in accordance	DIN 1988-7 or prEN 13823	MPA
Fire Rating	B/s3/d0 M1 Class 0 Classe 1 Low flame spread	EN 13823 and EN ISO 11945-2 NF P92-501 NF EN ISO 4589-2 BS 476 p.6 & p.7 UNI 8457 IMO RES.MSC 61(67)FTP code,Annex 1,Part 1	TUV Nord Baltic Ltd., TNO, Swedcert LNE, Siemens Axiva GmbH Warrington Fire LAPI Siemens Axiva GmbH supervised by Bureau Veritas MARINE Division
Noise reduction	Up to 30dB	DIN 4109	
Dimensional Stability	1,5 - 3%	prEN 14304, EN 1604	self monitoring
Oil & grease resistance	Very good	ASTM D 471	self monitoring
CFC	Free		
Odor	Neutral		

Description of product

Description	Flexible closed cell structure insulation material. Elastomeric foam, based on synthetic rubber color black.
Application	Heating, A/C , refrigeration and sanitary systems
Operating temperatures	**Min.** Temperature **-40° C** - **Max.** Temperature **+105° C**.

The written figures are these that have been measured in our laboratory, under typical conditions. They can be modified without prior notice. You are kindly requested to assert their validity before any special usage.

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