



## TECH SA Pipe Section 100

### High performance pipes for technical insulation



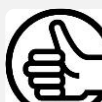
#### Excellent thermal insulation

Thermal and acoustic insulation for service temperatures up to 750°C



#### Effective fire protection

TECH SA Pipe Section is non-combustible and classified A1 Euro-class Reaction to Fire



#### Ease of installation

TECH SA Pipe Section are up to 20% longer than traditional stone wool pipe sections offering fast and efficient installation





Characteristic	Symbol	Unit	Quantities and measured values				Standard
Description	KIMMCO ISVER stone wool products are made from volcanic rock - a natural material presents in large quantities throughout the earth. These raw materials are natural basalt and dolomite coming from Saudi Arabia, our product is compliance with <b>EN 14303</b> and <b>ASTM C547 type II</b> standards.						
Thermal Conductivity	T	(°C)	50	100	200	300	ASTM C335
	$\lambda$	(W/m·K)	<b>0.038</b>	<b>0.044</b>	<b>0.059</b>	<b>0.080</b>	ISO 8497
Pipe Sizes	D	(in)	4 – 28"				ASTM C302
Thickness	t	(mm)	20 -160				ASTM C302
Reaction to Fire Class	-	-	Non-combustible, Euro-class <b>A1</b>				EN 13 501-1 ASTM E136
Maximum Service Temp/ Maximum Use Temp	MST	(°C)	EN standard: 660 ASTM standard: 750				EN 14 707 ASTM C411 ASTM C447
Flame Spread	FSI	-	< 25				ASTM E84 UL 723
Smoke Development	SDI	-	< 50				ASTM E84 UL 723
Specific Thermal Capacity	C	(kJ/kg·K)	~ 1				EN 10 456 ASTM C518
Water Vapour Diffusion Resistance Factor	$\mu$	-	~ 1				EN 12 086 ASTM E96
Chemical Behaviour	-	-	AS-Quality (chloride content $\leq$ 10 ppm) Water repellent. Free of corrosion-supportive materials.				EN 13 468 AGI Q 132 ASTM C871 ASTM C795
Shot Content	-	(%)	$\leq$ 10% from the weight				ASTM C1335
Water Vapour Sorption	-	(%)	< 1 by weight				ASTM C1104
Facing	Un-faced						
Miscellaneous Delivery Forms	Product are supplied in polyethylene packing. As mentioned in the MSDS product should be stored in dry condition.						

The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. For further information, please contact our team. We deliver only according to our terms of trade and terms of delivery.

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