

# PIPESECTION

**Material:** Saudi Rockwool Pipe Section

**No #:** SRW-PIPE /D(100-150)

The product is made out of molten basalt rocks Spun to fine fibers and bonded with thermosetting resin.

The Material has good thermal and acoustical properties It complies with the requirements of ASTM C547 & ASTM 585 with the following Specifications:

## DESCRIPTION

INTERNAL DIAMETER(IN)	THICKNESS (MM)	DENSITY (KG/M <sup>3</sup> )	FACING
(1/2-24)	(25- 100)	(100-150)	NONE /ALUMINUM
<b>DENSITY</b>	100-150 kg/m <sup>3</sup>		ASTM C302
<b>THERMAL CONDUCTIVITY MAX AT 24 (°C)</b>	0.034 (W/mk)		ASTM C335
<b>MAX. USE TEMPERATURE</b>	750 (C°)		ASTM C411
<b>COLOR</b>	Yellowish		visual
<b>MELTING POINT</b>	1100 C		—
<b>SHOT CONTENT</b>	<25%		ASTM C612
<b>WATER VAPOR SORPTION</b>	<1 (Weight %)		ASTM C1104
<b>PH</b>	7-8		BS 2972 SEC 22
<b>LEACHABLE CHLORIDE CONTENT</b>	< 10 ppm		ASTM C781
<b>WATER VAPOR RESISTANCE (M<sup>2</sup>HPA/MG)</b>	μ ≤3		ASTM E96
<b>FLAME SPREAD INDEX</b>	0		ASTM E84
<b>SMOKE DEVELOPED</b>	0		ASTM E84
<b>EURO CLASS FIRE CLASSIFICATION</b>	A1		EN ISO 1182 EN ISO 1716
<b>COMBUSTIBILITY</b>	Noncombustible		EN ISO 1182
<b>FUNGI RESISTANCE</b>	Does not encourage Fungi Growth		ASTM C665

Saudi Rockwool Factory

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