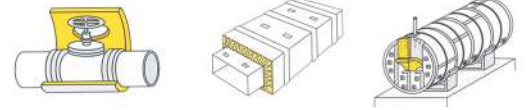


MicroRock

Industrial Insulation



Blanket Series



MicroFiber®

General Product Information

MicroRock Blanket is particularly suitable for industrial insulation. It has the main properties in terms of high heat resistance, water resistance, sound absorption and fire resistance.



MicroRock[®] Blanket

General Product Properties

MicroRock Blanket is designed for industrial applications. It is able to withstand medium to high pressure point. It also has good corrosion resistance and low thermal conductivity.

Facings

MicroRock Blanket comes with galvanized wired mesh and stainless steel wired mesh (made-to-order)

Common Applications

MicroRock Blanket is specifically designed to meet thermal resistance and sound absorption standards for large pipes, tanks, boilers, high-pressure steam pipes, and pipes in large production processes. It is suitable for production process that required high temperature combined with vibrations or fire resistance.

Densities and Dimensions

MicroRock Blanket is available in three models, which has different level of heat resistance according to size and application: MR-BL9380, MR-BL9580, and MR-BL9600

Product Type	Unit	MR-BL9380	MR-BL9580	MR-BL9600
Density	Kg/m ³	60	80	100
Size (Thickness 25-100mm)	mm	600 x 5000 x 50	600 x 3000 x 75	600 x 3000 x 100

Note: Please contact company's sales representative for other sizes

Installation

MicroRock Blanket can be cut to the desired length and wrapped tightly around the equipment. The edges of each blanket should be stitched together by using steel wire and jointed closely to eliminate gaps. The product can be secured to the equipment by using with pins or steel bands.



MicroFiber[®]



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Product Specifications and Technical Parameters

	MR-BL9380	MR-BL9580	MR-BL9600	Unit	Standards
Density	60	80	100	kg/m ³	ASTM C167
Thickness	25 - 100			mm.	
Dimension	600 x 5000 x 50	600 x 3000 x 75	600 x 3000 x 100	mm.	
Pre-laminated	Bare or Aluminium Foil				
Thermal Conductivity				(W/mK)	ASTM C177
23 °C	0.036			-	-
93 °C	0.039			-	-
149 °C	0.046			-	-
204 °C	0.049			-	-
260 °C	0.050			-	-
360 °C	0.057			-	-
371 °C	0.064			-	-
Maximum Service Temperature	650			°C	ASTM C411 ASTM C447
Linear Shrinkage	< 2%			-	ASTM C356
Fire Performance	Non-combustible Flame spread = 0 Smoke development = 5			-	ISO EN 1182:2010 BS 476-04 ASTM E84
Water Absorption	< 1			kg/m ²	BS EN 1609:2013
pH Index	< 10			-	ASTM C871
Chloride Content	Less than 10			ppm	ASTM C871

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