



PRODUCT DESCRIPTION

Rockwool (mineral wool) blanket, flexible non-combustible insulation blanket.

COMMON APPLICATION

Rockwool blanket insulation is a suitable product for use in applications that require thermal insulation and or sound attenuation of large process pipe work, tanks, silos, vessels, boilers, ducts and other commercial and industrial equipment.

FACING

Plain, no facing.

Blanket with aluminium foil facing.

Blanket with wire mesh facing. Wire is available in Galvanised or Stainless steel.

SPECIFICATIONS AND DIMENSIONS

PRODUCTS	DENSITY (KG/M3)	THICKNESS (MM)	WIDTH (MM)	LENGTH (MM)
Plain Blanket	60, 80, 100, 120	40, 50, 75, 100	600, 910, 1200	3000-9000
Aluminium foil faced blanket	60, 80, 100, 120	40, 50, 75, 100	600, 910, 1200	3000-9000
Wired mat	60, 80, 100, 120	40, 50, 75, 100	600, 910, 1200	3000-9000

Other sizes are available upon request

FIBER DIAMETER: 4µ ~7µ

SHOT CONTENT: <5%

SERVICE TEMPERATURE: 350°C ~ 850°C

COMBUSTIBILITY: Non-combustible

MOISTURE RESISTANCE: The products are water-repellent.

CHEMICAL PROPERTIES/BIOLOGICAL PROPERTIES: Rockwool is neutral (pH 7) or slightly alkaline and meets the requirement for use over stainless in accordance with standard ASTM C 795 JIS A 9504. It will not normally support the growth of moulds, fungi and bacteria.

TEMP (°C)	K-VALUE (W/MK)								
	PLAIN BLANKET				WIRE MESH/ALUMINUM FOIL				
	40kg/m ³	50kg/m ³	60kg/m ³	80kg/m ³	60kg/m ³	80kg/m ³	100kg/m ³	120kg/m ³	130kg/m ³
50	0.043	0.041	0.039	0.038	0.039	0.038	0.037	0.037	0.037
100	0.054	0.049	0.046	0.044	0.046	0.044	0.043	0.042	0.043
150	0.068	0.061	0.058	0.053	0.058	0.053	0.051	0.050	0.050
200	0.086	0.074	0.071	0.064	0.071	0.064	0.060	0.059	0.058
250	0.106	0.090	0.088	0.076	0.088	0.076	0.071	0.069	0.067
300	0.131	0.109	0.106	0.091	0.106	0.091	0.084	0.082	0.080
350	-	0.131	0.127	0.107	0.127	0.107	0.099	0.096	0.094
400	-	-	-	0.126	-	0.126	0.116	0.111	0.109