



Rockwool Blanket

Product description

Rockwool blanket is a relatively flexible light weight mat.



Application Range

Plain blanket is suitable for large diameter pipelines, flat or irregular surfaces and building walls with good thermal insulation and acoustic absorption.

Glass cloth facing is designed for large span equipment and building walls with good dust proof performance.

Aluminium foil facing is especially ideal for circular ducts, small equipment and air-conditioning pipelines.

It provides good water resistance, dust proofing, thermal insulation and reduces the risk of condensation in ducting.

Wire mesh facing is used when there is high vibration or high temperatures. It is also recommended for thermal insulation of boilers, vessels, flanges / valves and large diameter / irregular pipelines.

Density and dimensions

Thickness mm	Plain blanket				Glass cloth			Wire mesh			Aluminium Foil		
	Length Of Roll Metres												
	40 kg/m3	50 kg/m3	60 kg/m3	80 kg/m3	60 kg/m3	80 kg/m3	100 kg/m3	80 kg/m3	100 kg/m3	130 kg/m3	60 kg/m3	80 kg/m3	100 kg/m3
25				10		10	10	10	10	10		10	10
30				8		8	8	8	8	8		8	8
40		6	6	6	6	6	6	6	6	6	6	6	6
50	5	5	5	5	5	5	5	5	5	5	5	5	5
60	4	4	4	4	4	4	4	4	4	4	4	4	4
75	3	3	3	3	3	3	3	3	3	3	3	3	3
80	3	3	3	3	3	3	3	3	3	3	3	3	3
100	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

Width: 600mm. Other/special size, density & thickness on request

Thermal conductivity (typical figures)

Mean Temp °C	K-value W/mk								
	Plain blanket				Glass cloth/wire mesh				Al foil
	40 kg/m3	50 kg/m3	60 kg/m3	80 kg/m3	60 kg/m3	80 kg/m3	100 kg/m3	130 kg/m3	60 kg/m3
50	0.043	0.041	0.039	0.039	0.039	0.038	0.037	0.037	0.039
100	0.054	0.049	0.046	0.044	0.046	0.044	0.043	0.043	0.047
150	0.068	0.061	0.058	0.053	0.058	0.053	0.051	0.05	0.058
200	0.086	0.074	0.071	0.064	0.071	0.064	0.06	0.058	0.07
250	0.106	0.09	0.088	0.076	0.088	0.076	0.071	0.067	0.085
300	0.131	0.109	0.106	0.091	0.106	0.091	0.084	0.08	N/A
350		0.131	0.127	0.107	0.127	0.107	0.099	0.094	N/A
400				0.126		0.126	0.116	0.109	N/A

Maximum Service Temperature

Plain Blanket	450 C
Aluminium Foil	250 C
Glass Cloth	650 C
Wire Mesh	750 C

Chemical composition

SIO2	%	39.22
AL2O3	%	14.91
CAO	%	36.5
MGO	%	7.79
FE2O3	%	1.07