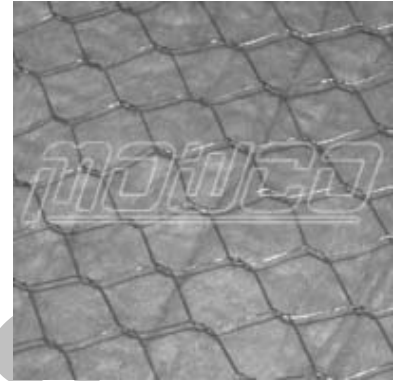


Mineral Wool/ Rock wool Blanket/ Felt/ Mat

a. Plain blanket

It is the normal type, suitable for big diameter pipelines, flat and irregular surfaces, building walls with good thermal insulation and acoustic absorption effects.

The blanket with glass cloth, aluminium foil or wire mesh on facing is available.



b. Blanket with aluminium foil facing

The product is designed for circular ducts, small equipment and air-conditioning system pipelines, with properties of good water-resistance, dust-proof, and perfect thermal insulation.

c. Blanket with wire mesh

The product is used under conditions of strong vibration and high temperature, also recommended for thermal insulation of boilers, vessels, flanges/ valves and big diameter or large irregular pipelines.



d. Blanket with glass cloth Facing

The product is developed for large span equipment and building walls with good dust-proof performance.

Availability:

Thickness mm	Plain Blanket				With Glass Cloth Facing			With Wire Mesh		
	Length (m)									
	40	50	60	80	60	80	100	80	100	130
kg/m ³										
25				10		10	10	10	10	10
30				8		8	8	8	8	8
40		6	6	6	6	6	6	6	6	6
50	5	5	5	5	5	5	5	5	5	5
60	4	4	4	4	4	4	4	4	4	4
75	3	3	3	3	3	3	3	3	3	3
80	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

Width: 600mm

Aluminium foil			
Thickness mm	Length (m)		
	60 kg/m ³	80 kg/m ³	100 kg/m ³
25		10	10
30		8	8
40	6	6	6
50	5	5	5
60	4	4	4
75	3	3	3
80	3	3	3
100	2.5	2.5	2.5

Width: 600mm

Other size or density on request.

Thermal conductivity (typical figure)

Mean Temp °C	K-value W/m.k							
	Plain Blanket				With Glass Cloth or Wire Mesh			
Thickness mm	kg/m ³							
	40	50	60	80	60	80	100	130
50	0.043	0.041	0.039	0.038	0.039	0.038	0.037	0.037
100	0.054	0.049	0.046	0.044	0.046	0.044	0.043	0.043
150	0.068	0.061	0.058	0.053	0.058	0.053	0.051	0.050
200	0.086	0.074	0.071	0.064	0.071	0.064	0.060	0.058
250	0.106	0.090	0.088	0.076	0.088	0.076	0.071	0.067
300	0.131	0.109	0.106	0.091	0.106	0.091	0.084	0.080
350		0.131	0.127	0.107	0.127	0.107	0.099	0.094
400				0.126		0.126	0.116	0.109

Mean Temp °C	K-value W/m.k
With Aluminium Foil	
50	0.039
100	0.047
150	0.058
200	0.070
250	0.085

Maximum service temperature

Plain Blanket: 450 °C (850°F) With Glass Cloth: 650 °C (1200°F)

With Aluminium Foil: 250 °C (480°F) With Wire Mesh: 750 °C (1400°F)

Sound Absorption

Hz	Plain Blanket (Thickness 75mm)	With Glass Cloth facing (Thickness 75mm)	With Wire Mesh (Thickness 75mm)
125	0.29	0.29	0.29
259	0.79	0.80	0.78
500	1.10	1.10	1.11
1000	1.07	1.05	1.10
2000	1.01	1.00	1.01
4000	0.99	0.98	0.98

The blankets are non-combustible, water-repellent, and non-hygroscopic.

The wool is neutral or slightly alkaline, and normally not support the growth of molds, fungi and bacteria.

Correlative page:

<http://www.mowcoproducts.com/rock-mineral-wool-blanket.html>