

TOMBO BRAND

M.G. Mighty Roll



Flexible rockwool blanket for insulation of instrument piping, elbows, ducts, and roofing, etc.



PHYSICAL PROPERTIES

Density (kg/m ³)	24	32	40	60	80	100
Thickness (mm) x Width (mm) x Length (mm)	25 x 600 x 5,000 40, 50 x 600 x 4,000 75,100 x 600 x 3,000					
Service Temperature (°C)	Up to 450 °C			Up to 650 °C		
Thermal Conductivity : W/m. K(kcal/m.h.°C)						
10 °C	0.036 (0.031)	-	0.033 (0.029)	0.032 (0.029)	0.032 (0.029)	0.032 (0.029)
20 °C	0.038 (0.033)	-	0.035 (0.030)	0.033 (0.029)	0.033 (0.029)	0.033 (0.029)
30 °C	0.040 (0.035)	-	0.037 (0.032)	0.034 (0.030)	0.034 (0.030)	0.034 (0.030)
40 °C	0.042 (0.037)	-	0.038 (0.033)	0.035 (0.030)	0.035 (0.030)	0.035 (0.030)
50 °C	0.044 (0.038)	-	0.040 (0.035)	0.037 (0.032)	0.037 (0.032)	0.036 (0.031)
60 °C	0.048 (0.041)	-	0.041 (0.036)	0.039 (0.034)	0.039 (0.034)	0.038 (0.033)
100 °C	0.057 (0.050)	-	0.048 (0.042)	0.043 (0.037)	0.042 (0.036)	0.041 (0.035)
200 °C	-	-	-	0.061 (0.052)	0.057 (0.049)	0.057 (0.049)
300 °C	-	-	-	0.087 (0.075)	0.077 (0.066)	0.073 (0.063)
400 °C	-	-	-	0.123 (0.106)	0.099 (0.085)	0.095 (0.082)

- Other densities and sizes also are available on request.
- Equivalent to ASTM C 553 Type VII, JIS A 9504

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M.G. Wired Blanket

Flexible rockwool blanket insulation has one side stitched with 0.5 mm diameter galvanized wire and mesh of hexagonal pattern. Used for fittings, valves, large pipes, cylindrical and spherical surface of boilers, tanks, vessels, etc. Other types of metal surfacing are available on request.



PHYSICAL PROPERTIES

Density (kg/m ³)	60	80	100	120
Thickness (mm) x Width (mm) x Length (mm)	25 x 900 x 5,000 40, 50 x 900 x 4,000 75, 100 x 900 x 3,000			
Service Temperature (°C)	Up to 750 °C			
Thermal Conductivity : W/m. K(kcal/m.h.°C)				
100 °C	0.043 (0.037)	0.042 (0.036)	0.041 (0.035)	0.041 (0.035)
200 °C	0.061 (0.052)	0.057 (0.049)	0.057 (0.049)	0.055 (0.047)
300 °C	0.087 (0.075)	0.077 (0.066)	0.073 (0.063)	0.071 (0.061)
400 °C	0.123 (0.106)	0.099 (0.085)	0.095 (0.082)	0.092 (0.079)

- Other densities and sizes also are available on request.
- Equivalent to ASTM C 592 Type II, JIS A 9504