Sealing for a safer and greener tomorrow

TM1860/1863

Extreme Heat Resistant Mica
1860 - TerMica 1863 - TerMica M

M = Metal Reinforced

CONSTRUCTION:

Style TerMica is an extreme heat resistant material. This premium phlogopite mica material is not prone to significant weight loss in elevated temperatures, allowing it to maintain sealing ability in the most challenging applications.

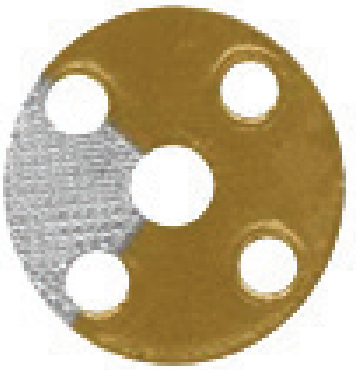
Style TerMica M is premium phlogopite mica with a metal reinforced perforated stainless steel core. This provides good recovery properties and load retention, for long-term sealing ability and also improved pressure resistance.

APPLICATION:

Style TerMica and TerMica M material excels in the most extreme heat conditions, and is used in difficult sealing scenarios such as exhaust, hot gas and silencer applications.

Availability	Size: 39.4 x 47 in	
	TM 1860 Thickness: 1/8", 1/16", 0.02", 0.04", 0.06" TM 1863 Thickness: 1/8", 1/16"*	
Temperature	Maximum Service: 1832°F (1000°C)	
Pressure	TM 1860 - Maximum:	72 psi (5 bar)
	TM 1863 - Maximum:	391 psi (27 bar)
Color	Tan with Green tint	

(* available upon request)



Typical Physical Properties:

	XHR Values	XHR-M Values
Density	119 lb/ft³ (1.9 g/cm³)	100 lb/ft³ (1.6 g/cm³)
Compressibility - ASTM F36	25%	10-40%
Recovery - ASTM F36	10%	10%
Tensile Strength - ASTM F38	2900 psi (20 N/mm²)	5000 psi (35 N/mm²)
Ignition Loss - ASTM F495	5% max	5% max
Cold Compressibility - ASTM DIN 28090-2		20%
Hot Creep - ASTM DIN 28090-2		10%
Hot Recovery - DIN 28090-2		2%

Please consult Teadit Engineering for additional testing values

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