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KM800 5-60HT

材質: 經特殊高溫處理 fiberglass

耐溫(長時間): 約 750°C

特性: 大輻減少高溫所致之脆化現象, 並達到:

較高之強度及柔韌性保持率

於 800°C 溫度範圍內, 強度, 耐磨, 使用壽命等特性優於其他諸如二氧化矽

(純矽)或玻璃纖維等高溫布類



KM800 5-60HT textiles are made of specially treated fiberglass for continuous service temperature to **750°C** level with strength/flexibility retention and abrasion resistance superior to other high temp. materials such as amorphous silica and fiberglass. KM800 is ideal for expansion joints, turbine covers, removable insulation wraps, and other applications under elevated temperature.

Data and Availability—Fabrics

項次 Item		規格 Specification and allowance
寬度 Width (mm)		1050±15
厚度 Thickness (mm)		0.5±0.075
重量 Weight (g/m²)		600±60
捲長 Roll Length (m/roll)		50 +0.5/0
紗東密度/10mm Thread	經向 Warp	14±1
Count piece/ 10mm	緯向 Weft	11±1
常溫張力強度 Tensile Strength at RTN/ 25mm	經向 Warp	≥3500
	緯向 Weft	≥3500
高溫強度, 經向, High Temperature Strength,		
Warp, N/25mm		
500 °C, 4hours		1400
600 °C, 4hours		1274
700 °C, 4hours		890
800 °C, 4hours		230
編織方式 Weave Construction		2/2 Twill
纖維直徑 Fiber diameter (μm)		8
表面塗覆 Surface Coating		None
顔色 Color		white of Yellowish white
成份 Chemical composition		SiQ ₂ 55-60%, Al ₂ O ₃ 24-27% MgO 11-16%
軟化溫度(°C) Softening point (°C)		9 20

Thermotech cannot predict all of the potential applications for which customers may attempt to use our products. Our products will have varying degrees of effectiveness for each potential application depending on the maximum temperature attained the length of use, and the amount of temperature fluctuation. If the customer has any questions regarding the use of our products in a particular application, please contact Thermotech and we will provide a sample for testing. This product is not warranted against injuries or damages of any kind caused by uses for which this product was not designed, intended, or tested by Thermotech