

Technical data sheet Grade: MW82

Material Description	:	Asbestos base Cloth base metallic, with reinforced brass wire.
Availability	:	flat sheets, rings, segments, for press , after drawing
Applications	:	heavy-duty industrial med pressure applications, clutches

Technical Data		Measured Values *	Unit
Average Operating Friction Coefficient			
dry		0.34	μ
dynamic		0.38	μ
static			
Recd.Surface Pressure			
Continuous, dynamic		5	N/mm ²
Max. short time		1.5	N/mm ²
adm. Gliding Speed			
continuous		20	m/s
Max. short time		35	m/s
adm. Temperature			
continuous		150	° C
short time		175	° C
Cross breaking strength at 20 °C		52	N/mm ²
Compressive Strength at 20 °C		150	N/mm ²
Recommended Mating Material		Steel, grey cast iron, spheroid cast iron	
Bonding Ability		excellent	
Oil Resistance		excellent	
Density		1.90	g/cm ³

** The afm. data were obtained from partial lining tests and are average values.The maximum adm. stress data should not be demanded simultaneously. In case of new developments or quality rearrangements we recommend you to test the suitability of the friction material.*