

## Technical data sheet Grade: AF-5005

<b>Material Description</b>	:	Non-asbestos friction material with extremely high amount of organic and inorganic reinforcing fibre system
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<b>Availability</b>	:	flat sheets, rings, segments, press and draw blocks , after drawing
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<b>Applications</b>	:	heavy-duty industrial high pressure applications, clutches , blocks
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Technical Data	Measured Values *	Unit
Average Operating Friction Coefficient		
dry		
dynamic	0,35	μ
static	0,40	μ
Recd.Surface Pressure		
Continuous, dynamic	5	N/mm <sup>2</sup>
Max. short time	3	N/mm <sup>2</sup>
adm. Gliding Speed		
continuous	20	m/s
Max. short time	40	m/s
adm. Temperature		
continuous	200	° C
short time	350	° C
Cross breaking strength at 20 °C	54	N/mm <sup>2</sup>
Compressive Strength at 20 °C	155	N/mm <sup>2</sup>
Recommended Mating Material	Steel, grey cast iron, spheroid cast iron	
Bonding Ability	excellent	
Oil Resistance	excellent	
Density	1,90	g/cm <sup>3</sup>

*\* 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.*