



HGW 200

Artificial fiber with phenolic resin laminated fabric
with PTFE embedded
Standard colour: brown beige

- Piston- and rod guiding rings for classical hydraulic cylinders
- Available in stock length or either in cut to length
- The material undergoes no swelling and resists nearly all medias, no stick-slip effect and low-friction coefficient

Properties	Value	Unit	DIN Standard
Compression strength, vertical to layered structure	320 – 345	N/mm ²	EN ISO 604
Ball impression hardness, vertical to layered structure	150 – 190	N/mm ²	EN ISO 2093-1
Dynamic load	95 – 105	N/mm ²	
Density	1,15 – 1,2	g/cm ³	DIN 53479
Coefficients of friction, kinetic, on steel	0,025 – 0,05	μ	DIN 53375
max. sliding speed	0,8 – 1	m/s	
Heat expansion coefficient	1,6 x 10 ⁻⁴	K ⁻¹	
min. service temperature	-40	°C	
max. service temperature short	130	°C	
max. service temperature constant	120	°C	

All above stated data results from random tests which were taken from the ongoing production. All data was established based on standard test-products according to ISO, DIN and ASTM standards and can basically not be carried over to the completed seal.

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