

Tape for Guide Rings

Tape out of Synthetic fiber-reinforced polyester composite with PTFE micro-powder additions is a composite material based on polyester plastic reinforced with synthetic fabric. Has the best sliding performance and durability, which enable wide use of it in the production of guide rings. Excellent indicators of water resistance allow applying this material in fresh and sea water.

Tape for Guide Rings Data Sheet

Properties	Value	Unit
Hardness	100	HRM
Density	1,21	g/cm ³
Compressive strength static	290	MPa
Compressive strength dynamic	80	MPa
Impact strength Izod	66	J/m ²
Maximum sliding speed	2,5	m/s
Coefficient of Linear Expansion (25° - 100°C)	6 - 7	10 ⁻⁵ (mm/mm)/ °C
Min. service temperature	-40	°C
Max. service temperature	+120	°C