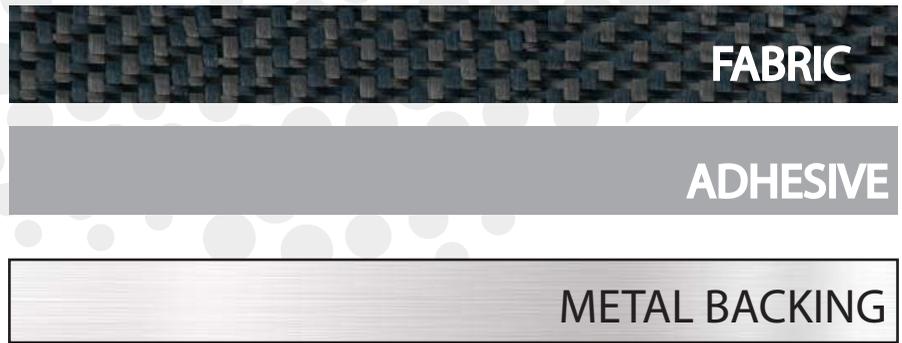
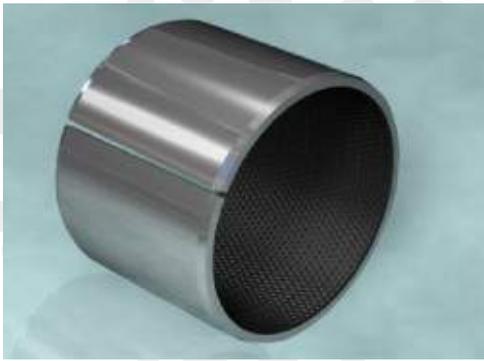


TU- fibrex



Structure of the material:

Layer	Average analyses of the material	Thickness of layer
Sliding layer	PTFE fabric	0.40 mm
Intermediate layer	Adhesive	200÷350µm
Supporting shell	Stainless steel / Mild steel	0,50 ÷ 2,70 mm (Depending on Dim. of the Bearing)

TECHNICAL DATA				
Max. load	Static	200 N/mm ²	Temp.	-50°c to +160°c
	Dynamic	150 N/mm ²		
Max. speed		1.5 m/s	Thermal conductivity	42W(m*k) ⁻¹
Max. PV (Dry)	Short-term	3.6N/mm ² *m/s	Coefficient of thermal expansion	11*10 ⁻⁶ *K ⁻¹
	Continuous	1.8N/mm ² *m/s		

CHARACTERISTICS

Suitable for rotating and oscillating movement, Fibrex structure combines in the best possible way the mechanical strength and the chemical resistance of sintered bronze and low friction characteristics of coated PTFE with less maintenance requirements due to long re-lubrication intervals, lower wear, lower susceptibility to edge loading, no absorption of water and therefore no swelling, good damping behaviours, good resistance to impact loads. It has longer service life under low speed and high load.

APPLICATIONS

This material is used in equipments like suspension and auxiliary of agriculture, construction machines, cranes, hydraulic and mechanical jibs, ball, butterfly and sluice valves, water pumps and chemical industries etc.-