

AIRCRAFT BEARINGS • RODS • BUSHES • SPHERICAL BEARINGS • SPECIAL BEARINGS



RWG Germany GmbH 91315 Hoechstadt

Liner Type

FRASLIP F

Description

Fabric	Synthetic fibers
Self Lub. Treatment	PTFE + Resin + Fillers
Thickness ref.	0.30 mm (0.012")
Environmental Statement	No hazardous substances, fulfills REACH and RoHS regulations

Engineering Data (average values)

Static Limit Load radial	400 N/mm ² (58000 psi)
Static Limit Load axial	210 N/mm ² (30450 psi)
Dynamic Limit Load (radial / axial)	~200 N/mm ² (29000 psi)
Temperature Range	-55°C to 163°C (-67°F to 325°F); 200°C (392°F) for short term
Surface speed	~15 mm/sec. (2.8 ft/min)
Coefficient of Friction	0.05 at 20°C / 0.18 at -55°C

Application

Widespread All-round Liner System. Especially for high static loads and low speeds.

Special Feature:

Excellent with uncoated Titanium as mating material,
at medium loads (50 N/mm² max.)

Qualified per: **SAE AS 81820**
SAE AS 81934
EN 2311
EN 2755
ABS2045

Fulfills ESA outgassing requirements per mVCM ECSS Q70-02 and is suitable for space applications

Approved for A380 and A400M Flap Attachment Bearings