

RAILKO RG1 & RG11



Railko RG1 & RG11 have been especially developed for demanding bearing applications including pump bearings, wear rings and thrust washers. Railko RG1 & RG11 are hard wearing and dimensionally stable.

Railko RG1 & RG11 has strength, durability, dimensional stability, excellent wear characteristics and exceptional temperature resistance.

Railko RG1 & RG11 products are the same formulation. Railko RG1 is for flat products and RG11 for cylindrical products.

Properties	Units	
Coefficient of Friction	-	0,28 – 0,32
Swell in Water @ 20°C	%	0,4
Swell in Water @ 80°C	%	0,5
Ultimate Compressive Strength	MPa	330
Compressive Yield @ 68,9 MPa	%	1,8
Normal Working Pressure	MPa	82
Thermal Expansion	Normal	10 ⁻⁶ /°C
	Parallel	10 ⁻⁶ /°C
Maximum Operating Temperature	Continuous	°C
	Intermittent	°C
Flexural Modulus	GPa	5
Bond Strength	KN@ 7,9 thick	3
Impact Strength	kJ/m ²	20
Hardness	Brinell	28
Density	g/cm ³	1,28

Availability:

Railko RG1:

Sheet:	Thickness:	3,2 – 50,8 mm
	Sizes:	1220 – 1220 mm

Railko RG11:

Tube:	Length:	610 mm
	Minimum Inside diameter:	Ø19 mm
	Maximum Outside diameter:	On request

Rod:	Length:	610 mm
	Diameter:	Ø25,4 – Ø73,1 mm