

Railko NF21S & NF22S have been developed as a general purpose wearing and bearing material for many industrial applications offering low wear and friction rates. Railko NF21S and NF22S are widely used in railway applications.

Railko NF21S and Railko NF22S are the same formulation. Railko NF21S is for flat products and mouldings and Railko NF22S is for cylindrical products.

Railko NF21S & NF22S is the oil impregnated version of Railko NF21 & NF22

Properties	Units	
Coefficient of Friction (DRY)	-	0,1
Compressive Yield @ 68,9 MPa	%	2,4
Swell in Water @ 20°C	%	<1
Ultimate Compressive Strength	MPa	192
Normal Working Pressure	MPa	55
Coefficient of Thermal Expansion:	10 ⁻⁶ /°C Normal	43
	10 ⁻⁶ /°C Parallel	43
Maximum Operating Temperature	Continuous	°C
	Intermittent	°C
Shear Strength	MPa	41
Impact Strength	kJ/m ²	32
Hardness	Brinell	23
Density	g/cm ³	1,64

Availability:

Railko NF22:

Only as finished products

Railko NF21:

Only as finished products