KLINGER®
Polystrat IOR38-21

KLINGER India

Polystrat IOR38-21 is Noise absorbing shim for disc brakes

Attractive coloured Anti-Noise shim with perfect damping performance" for mechanical attachment



Basis composition	NBR/ Steel Grade with improved hardness /NBR
Color	Red - Other per request

Roll	ROLL LENGTH up-to 500 m
Width	Up-to 500 mm

Composite and tolerances	Impact resistant coating, colour red	0.020 ± 0.005 mm
	Rubber, NBR	0.100 ± 0.010 mm
	Cold rolled carbon steel	0.380 ± 0.020 mm
	Rubber, NBR	0.100 ± 0.010 mm
	PS-adhesive, acrylic	0.080 ± 0.010 mm
	Release paper, siliconized	0.100 ± 0.020 mm
	Total without release paper	0.680 ± 0.055 mm

Industry / Application

Engines / Compressors / Brake systems / Automotive

Typical technical data and Properties for KLINGER® Polystrat

Max. creep relaxation	ASTM F38	%	12
Adhesive bonding strength to the steel plate	SAFT	°C	100 - 150
	To steel plate	N/mm	≥ 3
Bonding conditions	Shim connection		
	Temperature of back plate	°C	≥ 20
	Pressure	MPa	2-3
	Pressure time	s	5
Rubber hardness	Shore A ISO 7619-1		70-75
Compression	ISO 815-1	%	25-27
Corrosion	EKB 1102	Grade	0
Storage life (Higher storage temperature and or longer storage time may cause a quality decrease of the product)	DIN 7716	Months	24

All information is based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behaviour in gasket joint. The data may not, therefore, be used to support any warranty claims. This edition cancels all previous issues. Subject to change without notice.

Subject to technical alterations.
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