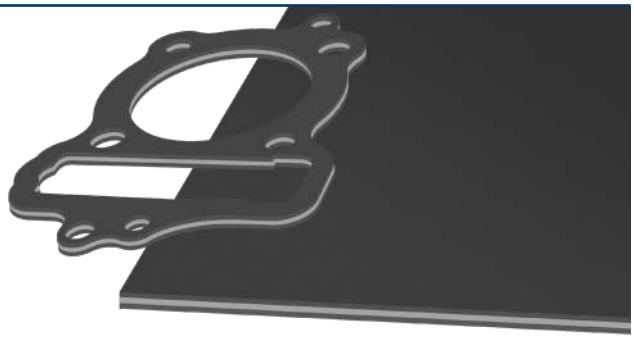
KLINGER® Polystrat ASE21-213

KLINGER India

Polystrat ASE21-213 is rubber coated steel for gasket applications

AEM coated steel for gasket applications with good resistance against mineral and synthetic oils



Basis composition	NBR/Carbon Steel/NBR
Surface treatment	Without
Color	Black - Other per request

Roll	ROLL LENGTH up-to 500 m
Width	Up-to 500 mm or per agreement

Composite and tolerances	Rubber, AEM	0.075 ± 0.005 mm
	Cold rolled carbon steel	0.250 ± 0.012 mm
	Rubber, AEM	0.075 ± 0.005 mm
	Total	0.400 ± 0.022 mm

Industry

Automotive / General Industry / Pumps / Compressors

Typical technical data and Properties for KLINGER® Polystrat

Max. creep relaxation	ASTM F38	%	12
Rubber hardness	Shore A ISO 7619-1		70-72
	IRHD ISO 48		68-70
Rubber to metal bond integrity	KLINGER Scratch test		Pass
	MEK rub test 10 min		Pass
Hot piston test	200 °C / 42 MPa / 2 min.		Pass
Ageing Properties	IRM 903 oil ISO 1817, 72 h 100°C		
Hardness Shore A	ISO 7619-1	%	-4%
Tensile strength	ISO 37	%	+7%
Ultimate elongation	ISO 37	%	-38%
Weight	Increase	%	+5,8
Volume	Increase	%	+8,6
Chemical resistance of the rubber layer	no embrittlement and delamination		
Fuel B 72 h, RT			Pass
FAM A 48 h, RT			Pass
Diesel fuel 72 h, RT			Pass
Oil IRM 903 72 h, RT			Pass
Motor oil SAE 15W-40 24 h, 125°C			Pass
Brake fluid DOT 4 72 h, 100°C			Pass
Coolant Glysantin® 30 (50:50) 125 h, 125°C			Pass
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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