KLINGER®
Polystrat FSE25-01

KLINGER India

Polystrat FSE25-01 is a coated steel for gasket applications.
FKM-coated stainless steel for gasket applications with excellent temperature resistance and good resistance against mineral and synthetic oils as well as coolant



Basic composition	FKM/stainless steel/FKM
Surface treatment	PTFE
Colour	Black – others on request

Roll	Roll length up to 500 m
Width	Up to 500 mm

Composition and tolerances		
	Rubber, FKM	0.025 ± 0.005 mm
	SS301 FH	0.250 ± 0.012 mm
	Rubber, FKM	0.025 ± 0.005 mm
	Total	0.300 ± 0.022 mm

Industry / Application
Automotive / General Industry / Pumps / Compressors

Typical technical data and properties for KLINGER® Polystrat

Max. Creep relaxation	ASTM F38	6%
Rubber hardness	Shore A ISO 7619-1	75-85
	IRHD ISO 48	70-86
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
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 24h, 125°C		Pass
Brake fluid DOT 4 72 h, 100°C		Pass
Coolant Glysantin® 30 (50:50) 125 h, 125°C		Pass

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.
KLINGER Industrial Products India Pvt. Ltd. #6 Tarana, 1st Floor, GoodEarth Malhar, Kambipura, Kengeri, Bengaluru 560074, Karnataka, India. Tel +91 8618523021 / +91 80 2990 9572 / e-mail: info@klinger.in