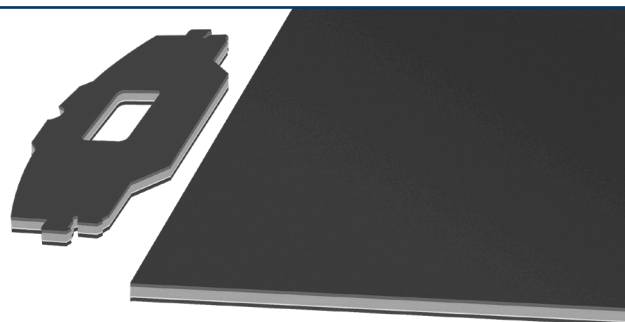




## Polystrat LC38-40 is Noise absorbing shim for disc brakes

Hard Steel shim with temperature- and pressure resistant rubber coating. One-sided adhesive coating and perfect damping performance



<b>Basis composition</b>	NBR/Carbon Steel/NBR	<b>Roll</b>	ROLL LENGTH up-to 500 m
<b>Color</b>	Black - Other per request	<b>Width</b>	Up-to 500 mm
<b>Composite and tolerances</b>	Rubber, NBR		0.025 ± 0.005 mm
	Cold rolled carbon steel		0.380 ± 0.020 mm
	PS-adhesive, acrylic		0.080 ± 0.010 mm
	Release paper, siliconized		0.100 ± 0.020 mm
	Total without release paper		0.485 ± 0.035 mm

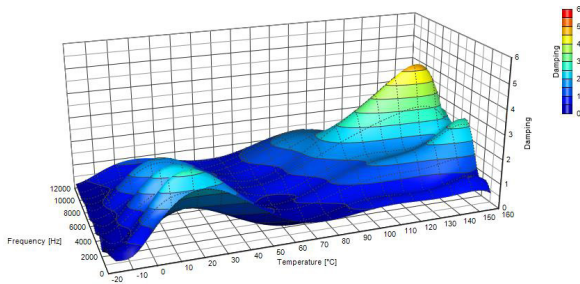
## Industry / Application

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

## Damping characteristics



### Damping characteristics:

Is used in Q-Control when evaluating the material responses to dynamic loading conditions.

Materials with high damping coefficients are used in applications of shock absorption, vibration control, noise reduction, and dissipating increased heat.

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

[www.klinger.in](http://www.klinger.in)

