

CORK TS1521



General-purpose industrial cork sheet



GENERAL PROPERTIES

- » TS1521 Cork Sheet is a general-purpose industrial cork sheet known for its high compressibility and moderate oil resistance.
- » It is widely used in sealing and gasket applications across various industries.
- » This material is made from cork granules bonded with a styrene-butadiene rubber (SBR) binder, offering excellent flexibility, resilience, and sealing performance.
- » It is particularly effective at maintaining a seal under low to medium bolt loads and is compatible with most lubricating oils and fluids.

* TS1521 is an alternative to MR31+ with similar functionality and compatible performance.

TS1521

TS1521 conforms to all present regulations for hazardous substances.

- » Asbestos Free
- » Heavy Metals (Pb, Cd, Hg and Cr (VI)) Free
- » Polycyclic Aromatic Hydrocarbons (PAH) Free Style

APPLICATIONS

- » General Purpose Gaskets
- » Rocker Cover and Sump Gaskets
- » Transmission Pan Gaskets
- » Seals for Plastic Casings

SIZE/AVAILABILITY

Sheets:

- » 760 x 1270 mm

Standard Thickness:

- » 1.6 mm
- » 3.2 mm
- » 4.8 mm
- » 6.4 mm

TEMPERATURE RANGE

- » -30°C to 110°C

CORK TS1521



TEST METHOD	PROPERTY	UNIT	VALUE
ASTM F 1315	Density	Kg/m ³	550 – 750
ASTM D 2240	Hardness	Shore A	50 - 70
ASTM F 152	Tensile Strength (min)	MPa	0.8
ASTM F 146	Volume change after immersion ENGINE OIL (15W40)		
	24h at 100°C	-	<4%
	72h at 100°C	-	<4%
	168h at 100°C	-	<4%
	Volume change after immersion GEAR OIL(75W90)		
	24h at 100°C	-	0%
	72h at 100°C	-	<2%
	168h at 100°C	-	<3%

Certification:

Certified acc. to DIN EN ISO 9001:2015. Subject to technical alterations. Status: Jan 2025.

Disclaimer:

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 joints. The data may not, therefore, be used to support any warranty claims. This edition cancels all previous issues. Subject to change without notice.

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