

Industrial Cork Sheet TS1521 is an economical type of mechanical grade cork commonly used for making seals and gaskets. This high quality cork sheet is manufactured with cork granules bound with a SBR (styrene butadiene rubber) binder. It can seal well at low to medium bolt loads and has good compatibility with oils.

Industrial Cork Sheet TS1521 is very flexible and has good compressibility and recovery. It is able to withstand temperatures up to 110°C



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Applications

- Automotive gaskets
- Marine gaskets
- Industrial cork gaskets
- Pump, valve and pipe gaskets
- Anti-vibration mats and pads
- Floor lining
- Sealing strips and gasket tapes
- Impact protection mats and pads

Technical Details

Colour	Brown
Temperature Range	-30°C to 110°C
Stress Range	1.5 to 6 mPa
Compressive Strength	>70 mPa
Compression Set (22 hours @ 70°C)	29.7%
Elongation	20%
Density (ASTM D-297)	650 kg/m ³
Hardness (ASTM D-2240)	60 Shore A (±5)
Tensile Strength (ASTM D-412 Die C)	1.5 MPa

Chemical and Environmental Resistance

Suitable for use with air, water, weak (dilute) chemicals and most common lubrication fluids.

TS1521 should not be used with low sulphur diesel fuel.

Important

The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

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Aging Data

Volume change in material after immersion in...

	22 Hours	70 Hours	
ASTM Oil No. 1 @ 100°C	--	+0.6%	ASTM F-146
IRM 903 Oil @ 100°C	--	14.3%	ASTM F-146
ASTM Fuel A @ 23°C	+6.7%	--	ASTM F-146

	24 Hours	72 Hours	168 Hours	
Gear Oil, 75W90 @ 100°C	0	+1%	+2.1%	ASTM F-146
Engine Oil, 15W40 @ 100°C	+2%	+2.5%	+6%	ASTM F-146

Heat Ageing Data in Air @ 100°C

	24 Hours	72 Hours	168 Hours	
Hardness Change	+2	+7	+9	ASTM D-2240
Change in Flexibility	+1	+3	+3	ASTM F-147

Available Sizes, Forms and Styles

Industrial Cork Sheet TS1521 is available in a selection of thicknesses and sheet sizes.

Available Thicknesses

- 0.8mm
- 1.5mm
- 3mm
- 4.8mm
- 6.4mm
- 8mm

Standard Sheet Sizes

All of the above thicknesses are available in each of the following sheet sizes:

- 250mm wide x 310mm long
- 510mm wide x 1270mm long
- 1040mm wide x 1270mm long

Custom Sizes

If the size you require for your job isn't listed here please don't hesitate to let us know. Other sizes can be made to order and laminating sheets to achieve different thicknesses is a possibility when it's required.

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