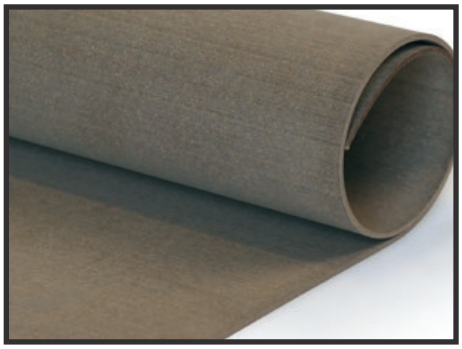
TECHNICAL DATA SHEET

Queensland Gaskets

ATW1 NITRILE RUBBERISED | CORK SHEET

75 Duro | Oil resistant | Cork & Nitrile Rubber Composite



ATW1 Rubberised Cork Sheet is a premium grade, oil resistant, 75 Duro cork sheet, made with a premium quality cork bound together with a Nitrile and synthetic rubber blend. This combination makes ATW1 Rubberised Cork both compressible and resilient and suitable for automotive, transformer and electrical equipment sealing applications.

TECHNICAL INFORMATION

Binder Polymer	NBR / SBR	
Colour	Natural	
Density	0.8-0.9 g/cm^3	ASTM D297
Hardness	75°± 5° Shore A	ASTM D2240
Tensile Strength	1.5-2.2 MPa	ASTM D412
Cork Grain Size	Fine (0.5-1-0mm)	ASTM D412
Compressibility	23-35% @ 28kg/cm^2 load	
Recovery After Compression	80% (min)	
Flexibility	TX3 (no cracks)	
Volume Swell @ 100°C x 70hrs	OIL #3 +15%	ASTM D471
Temperature Range	-10°C to +130°C	

AVAILABLE SIZES

STANDARD THICKNESS	0.8mm, 1.6mm, 2.4mm, 3.2mm, 4.8mm, 6.4mm, 9.5mm
STANDARD SHEET SIZE	915mm x 610mm (0.8mm) 1040mm x 1040mm (1.6mm, 3.2mm, 4.8mm, 9.5mm) 1100mm x 150mm (2.4mm, 6.4mm)

Cut lengths, strips and custom shapes are available upon request

APPLICATIONS

ATW1 Rubberised Cork Sheet has been designed primarily for use as a flexible strip, pad, or gasket and is mainly used for sealing, insulating and isolating.
Its properties make it suitable for use in a wide range of applications including:

- Transformer seals
- Automotive gaskets
- Vibration dampening strip and pads
- Electrical switchgear gaskets
- Insulating strip
- Isolation barriers
- Variety of sealing applications

Contact us to discuss requirements and place your order 07 3277 3922

All information and data quoted has been provided by our suppliers and is based upon years of experience in the production and operation of sealing elements. This data may not be used to support any warranty claims. With its publication this latest edition supersedes all previous issues and is subject to change without further notice.