



# ATW1 NITRILE CORK SHEET

70 Duro | Oil resistant | Cork & Nitrile Rubber Composite

## FEATURES

ATW1 Rubberised Cork Sheet is a premium grade, oil resistant, 70 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 (RUBBER)

Binder Polymer	NBR / SBR	
Colour	Natural	
Density	0.7-0.8 g/cm <sup>3</sup>	ASTM D297
Hardness	65 $\pm$ 5 $^\circ$ Shore A	ASTM D2240
Tensile Strength	0.9-1.5 MPa	ASTM D412
Cork Grain Size	Medium (1.55-2.0mm)	ASTM D412
Compressibility	35-45% @ 28kg/cm <sup>2</sup> load	
Recovery After Compression	85% (min)	
Flexibility	TX3 (no cracks)	
Volume Swell @ 100 $^\circ$ C x 70hrs	OIL #3 +24%	ASTM D471

## AVAILABLE SIZES

**STANDARD THICKNESS** 0.8mm, 1.6mm, 2.4mm, 3.2mm, 4.8mm, 6.4mm, 9.5mm

**STANDARD SHEET SIZE** 1040mm x 1040mm

Cut lengths, strips and custom shapes are available upon request



## APPLICATIONS

Industrial Gaskets 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