



RHN18 – Nitrile Bonded Cork

Cork products cover a broad spectrum of different grades from petrochemical and marine uses to anti vibration and general engineering solution types. Cork is a good gasket material due to its impenetrability and resilience qualities. The main characteristics that make cork such a popular choice in washers, gaskets, strips and insulations. Extremely durable and hard wearing, fire retardant with excellent insulating qualities due to its thermal and acoustic properties. Outstanding water tight and air tight sealing properties, cork is flexible and elastic.

Furthermore our cork products can be combined with numerous synthetic rubber compounds to enhance the sealing properties already portrayed by cork alone. Cork can be bonded with rubber compounds such as neoprene or nitrile resulting in even higher capabilities. Certain grades can offer more resistance to fluids as well as a high temperature prevail.

Property	Unit	Result
Cork Granule Size	mm	2/3mm
Colour	-	Black
Binder	-	Cork/Nitrile
Density	-	0.6-0.7
Hardness Shore A	-	50-70
Compressibility 400psi	%	40-55
Recovery	%	75
Tensile Strength	kg/Cm	10.5
Flexibility		
Original F=5	-	No cracks
ASTM No 1 Oil, 70h @ 100c (F16)	-	No cracks
Oven aged, 70h @100c (F16)	-	No cracks
Volume change after Immersion		
ASTM No 1 Oil 70h @100c	%	-10 to +10
ASTM No 3 Oil 70h @100c	%	-5 to +40
ASTM Fuel A 22h @23c	%	-5 to +10
Temperature Range	°C	-20 to 120

****The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any particular application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable, but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied**.**