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RHN18 – Neoprene 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
Binder	-	Neoprene Rubber
Cork Granule Size	mm	0.5/1
Colour	-	Natural
Density	-	0.75-0.9
Shore Hardness A	-	70-80
Compressibility @ 400psi	%	20-30
Recovery after	%	>80
Tensile strength		
Transversal direction	kg/cm	>15
Longitudinal direction	kg/cm	>15
Flexibility		
Original (F5)	-	-
ASTM No 1 Oil, 70h @100°C (F16)	-	-
Oven aged, 70h @ 100°C (F16)	-	-
Volume Change after Immersion		
ASTM No 1 Oil, 70h @ 100°C	%	-
ASTM No 3 Oil, 70h @ 100°C	%	-
ASTM Fuel A, 22h @ 23°C	%	-