

DATASHEET

SIL Nitrile Cork (ACN60+)

APPLICATIONS

SIL Nitrile Cork is a premium quality nitrile based gasket material. The excellent oil and fuel resistance makes it ideal for tank lid gaskets, transformer applications and gaskets for oil gauges and radiators.

FEATURES

- Excellent oil and fuel resistance
- Resistant to most common transformer fluids
- Good flexibility and resilience
- Excellent compressive and tensile strength
- Temperatures from -30°C up to 125°C



MATERIAL

PROPERTY	VALUE
Binder	Nitrile Rubber
Cork Granule Size (mm)	0.5/l
Colour	Natural

SPECIFICATION

PROPERTY	TEST METHOD	UNIT	VALUE
Density	ASTM F1315	g/cm ³	0.75 - 0.9
Hardness	ASTM D 2240	Shore A	70 – 80
Compressibility (400 psi)	ASTM F36	%	20 – 30
Recovery	ASTM F36	%	80
Tensile Strength (min)	ASTM F 152	MPa	2.35
Flexibility	ASTM F 147		
Original (F=5)		-	No Cracks
Oven aged, 70h at 100°C (F=16)		-	No Cracks
ASTM No 1 Oil, 70h at 100°C (F=16)		-	No Cracks
Volume change after immersion	ASTM F 146		
ASTM No 1 Oil, 70h at 100°C		%	-10 / +10
IRM 903 Oil, 70h at 100°C		%	-5 / +15
ASTM Fuel A, 22at RT		%	-2 / +15