

TECHNICAL DATASHEET: Technical Rubberized Cork SP52

PRODUCT DESCRIPTION

Wide variety of cork/rubber composites for demanding technical applications.

TYPICAL APPLICATIONS

- Flange gaskets
- Oil resistant seals & gaskets
- Special shapes/profiles for specific purposes or requirements

PRODUCT FEATURES & BENEFITS

- High coefficient of friction
- Durable

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/32", 1/16", 3/32", 1/8", 3/16", 1/4"	
COLOR	Red	
MATERIAL/SUBSTRATE	Technical Rubberized Cork	
DUROMETER/HARDNESS (SHORE A)	46-66	ASTM D2240
COMPRESSIBILITY @ 400 PSI	40%-60%	ASTM F36
RECOVERY @ 400 PSI	75%	ASTM F36
BINDER	Chloroprene Rubber	
CORK GRANULE SIZE	.05/1 mm	
DENSITY	480-720 kgm ³	ASTM F1315
TENSILE STRENGTH, WITH GRAIN	.07 MPa	ASTM F152
TENSILE STRENGTH, ACROSS GRAIN	.05 MPa	ASTM F152
FLEXIBILITY, ORIGINAL (F=5)	No Cracks	ASTM F147
VOLUME CHANGE AFTER IMMERSION, ASTM N°1 OIL, 70h @ 212°F	-10% to +10%	ASTM F146
VOLUME CHANGE AFTER IMMERSION, IRM 903 OIL 70h @ 212°F	-10% to +40%	ASTM F146
VOLUME CHANGE AFTER IMMERSION, ASTM FUEL A, 22h @ RT	-5% to +20%	ASTM F146
THICKNESS CHANGE, IRM 903, 70h @ 212°F	0 to +20	ASTM F146
LOW TEMPERATURE LIMIT	-40°F	
HIGH TEMPERATURE LIMIT	230°F	

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**