

Technical Data Sheet for Rubber Cork Sheet NI-71

Description:

NI-71 is an all-round thermally and chemically resistant top quality medium hardness rubber cork using nitrile rubber as binding agent.

Specifications	Values
Density	700-850 kg/m ³
Hardness ASTM D2240	65-75° Shore A
Tensile strength ASTM F152	> 1.9 MPa
Compressibility ASTM F36 at 2.8 Mpa	20-35 %
Recovery ASTM F36	> 80 %
Compression Set ASTM D395	
After 22 hours at 70° C	< 40 %
ASTM fuel A - after 22 hours at 23 °C:	
Volume increase	-2 to +10 %
ASTM oil no. 1 - after 70 hours at 100 °C:	
Volume increase	-5 to +10 % max
IRM 903 - after 70 hours at 100 °C:	
Volume increase	-2 to +15 %
Thickness increase	0 to +10 %

End use applications:

Automotive transmissions, gas meters, air conditioning equipment, air heating equipment, and oil pans and valve covers in combustion engines. Suitable in connection with oil, fuel, air, and gas supply etc.

Approvals: Approved by DVGW according to DIN 3535-5 for the use in gas meters

Material thickness: 1.0 – 1.5 - 2.0 - 3.0 mm