

Technical datasheet

PVC „low temperature quality“

Basic information	Specification
Basic elastomer	PVC
Fabric ply	without ply
Description/features	PVC is transparent, hard and brittle. By adding plasticizers and stabilizers PVC becomes softer, mouldable and suitable for technical applications. Quality suitable for temperatures of up to -65 °C (cold cracking temperature).
Format	Rolls: 20 m x 1 m
Colour	transparent

Technical data	Standard term/Specification	Unit	Testing method
Density	1.18	g/cm ³	DIN EN ISO 1183-1
Shore A	62	°Sh A	DIN 53505
Tensile strength	10	N/mm ²	DIN EN ISO 527-3
Elongation at break	420	%	DIN EN ISO 527-3
Abrasion	n.sp.	n.sp.	
Compression set	25	N/mm	DIN 53515
Temperature range	- 60 up to + 15	°C	EN 1876

Electrical properties	Standard term/Specification	Unit	Testing method
Outer surface coefficient after production after 6 months storage time	3 x 10 ¹⁰	Ω	ASTM D257
Specific volume resistance	n.sp.	MΩ	ASTM D257

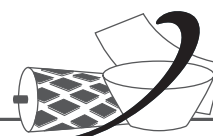
Resistance	Standard term/Specification
Oil	n.sp.
Fuels	n.sp.
Acids	n.sp.
Alkaline solution	n.sp.
Weather	n.sp.

Legend

⊕ ⊕ = particularly resistant ⊖ = not resistant n.sp. = not specified
 ⊕ = resistant n.a. = not applicable

Product-related special properties can be tested in our in-house laboratory. If necessary separate standards and testing standards deviating from DIN may be specified.

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