

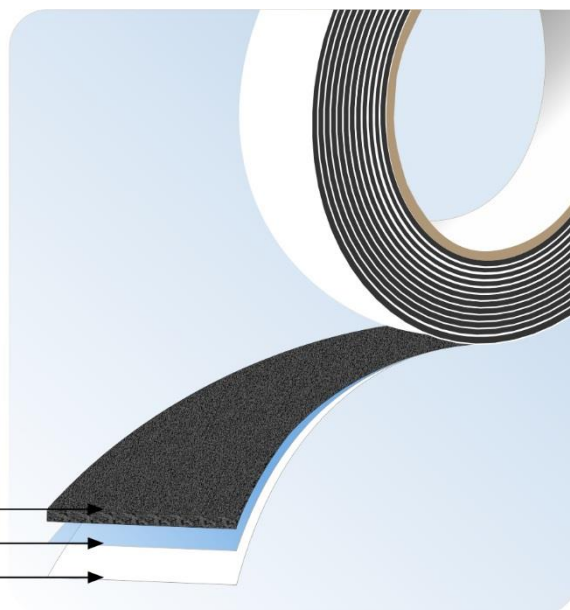
Product information

VITOFLEX NW 152

The product is a closed-cell foam rubber based on polychloroprene (CR) equipped self-adhesive on one side.

Product composition

Carrier, closed-cell foam rubber (CR), black
Adhesive, acrylic dispersion
Liner, siliconised paper, white



Application

VITOFLEX NW 152 is used for protecting, damping, insulating and sealing.

Product benefits

- very good aging- and ozone resistance
- good resistance against oils and fats
- high compressive strength
- self-extinguishing
- low staining on bare copper and silver

Technical data and product properties of the carrier

Density (ISO 845)		180 ± 25 kg/m ³
Compressive strength (ASTM D 1056-07)	25 %	65 - 90 kPa
Compression set (ASTM D 1056-07)	22 h / 50 % / 23 °C	≤ 25 %
Hardness (ASTM D 2240)	Shore 00	50 - 60
Shrinkage (FORD WSK-M2D419-A)	3 h 80 °C	≤ 5 %
Vakuum-water absorption (ASTM D 1056-07)		≤ 5 %

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Ozone resistance (ISO 1341-1)	20 % elongation, 30 °C, 200 pphm	> 8 h: no cracking
Corrosion behavior (DIN 53 428)	On bare silver On bare copper	medium staining, medium corona medium staining, medium corona
Fire behavior	FMVSS UL 94	pass (≥ 2 mm) HF1 (≥ 2 mm)
Temperature resistance	7 d 5 h	-40 °C to 85 °C up to 110 °C
Resistant to	Fuel oil, fuels, weak acids and alkalis, hydrochloric acid (concentration ≤ 30 %), water, seawater, salt solutions, aqueous alum solutions, detergents, ammonia, acetylene, ethanol, glycerine, glycol-based antifreeze, carbonic acid, silicone oils and fats, lubricating oils and grease (mineral oil), methanol, acetone, vaseline, white spirit, white oils, natural gas and petroleum, hydraulic fluids, brake fluids.	
Not resistant to	Solvents such as toluene, dichloromethane, trichloroethene, tetrachloroethene, chlorine, superheated steam, nitric acid, concentrated sulfuric acid.	

Processing

The most important processing parameters and information on cleaning are listed in our Information on Processing Adhesive Tapes.

Storage and shelf life

6 month after receipt of goods, when stored at room temperature (20 ± 3 °C) and 40 - 60 % relative humidity protected from sunlight, in original packaging.

Special Information

The data and technical information presented are characteristic or average data. All advices are given to the best of our knowledge. We reserve the right to make technical changes that are in the interest of progress. You are kindly requested to conduct your own tests to determine the suitability of our product for your application. Our General Conditions answer any questions on guarantees and liabilities for these products unless other legal regulations apply.

If you need further information about product safety, conformance, REACH or RoHS please send your e-mail to info@vito-irmen.de

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