

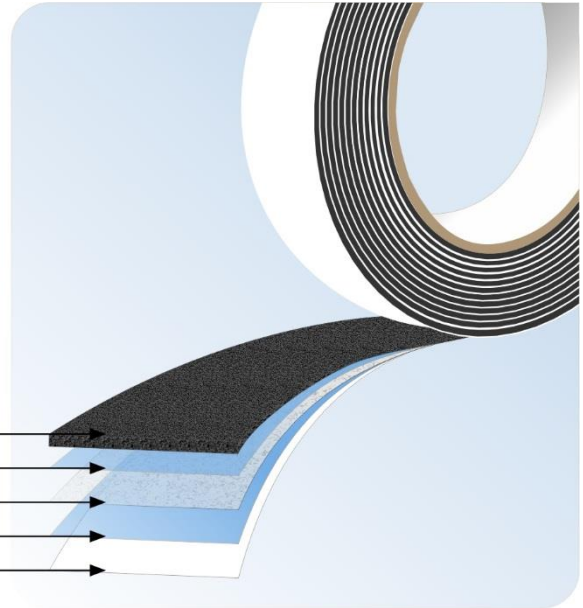
Product information

VITOFLEX F 180 S 002

The product is a soft closed-cell foam rubber based on styrene-butadiene-rubber/natural rubber (SBR/NR) equipped self-adhesive on one side.

Product composition

Carrier, closed-cell foam rubber (SBR/NR), black
Adhesive, modified acrylic
Reinforcement, non-woven
Adhesive, modified acrylic
Liner, siliconised paper, white



Application

The product is used for protecting, damping, insulating and sealing.

Product benefits

- High compressive strength
- Good adhesion on various surfaces

Technical data and product properties

density	170 - 210 kg/m ³
compressive strength (ASTM-D 1056)	60 - 90 kPa
compression set at +23 °C (DIN 53517)	45 - 60 %
+70 °C	75 - 90 %
linear shrinkage 24 h / 70 °C / 10 mm thickness	6 % at maximum
water absorption (DIN 53 428)	5 % at maximum
corrosion behaviour (DIN 53 428)	on bare silver: strong corrosion, wide corona on bare copper: strong corrosion, wide corona
temperature resistance	-30 °C to +80 °C, short time up to +90 °C

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Chemical resistance of the foam

Resistant to	Water, salt water, ethanol, methanol, acetylene, acetone, glycerin, silicon oil and fat, glycol, alum aqueous, detergent, formaldehyde, anti-freezing agent based on glycol, carbon dioxide, carbon monoxide, ricinus oil, weak acids and bases
Partial resistant to	Higher concentrated acids and bases, ammoniac, acetic acid, isopropanol
Not resistant to	Fuel, oils, fats, naphtha, chlorine, hot water steam, Vaseline, domestic gas and oil, strong acids and bases, Solvents like dichloromethane, toluene, trichloroethene, cellulose thinners, methyl ethyl ketone

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 18 °C and 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. 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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