

PR606W

TECHNICAL DATA SHEET

Neoprene Rubber Sheet
Standard grade**Pronat Industries Ltd****Tzavei Hanachal St.
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Description:

Neoprene is a solid rubber material with many excellent qualities, It has strong resistance to oils, chemicals, UV light, ozone and inclement weather. It is a strong and robust material that resists abrasion and has an effective temperature range of -40 °C to +120 °C

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Health and Safety:

Summary Information

Toxicity:

Non toxic, unlikely to be ingested

Storage:

Will not degrade or decompose, keep dry and below 30°C

Handling:

Use suitable handling equipment and safety shoes and gloves

Disposal:

Suitable for normal recycling and refuse

BASIS	CR - NEOPRENE SCE 42
CELLULAR STRUCTURE	CLOSED
COLOUR	BLACK
DENSITY	175 +/- 20 KG/m3
WATER ABSORPTION	1,1% max < 5%
TEMPERATURE RANGE CONSTANT	- 40° C + 120° C
LINEAR SHRINKAGE AFTER 22 h at 70°C	4,6% max <7%
ULTIMATE ELONGATION (DIN 53571)	156% > 100%
TENSILE STRENGTH (DIN 53571)	8,24 KG/cm ² (824 kPa)
TEAR RESISTANCE	8 KG/cm (0,8 kN/m)
OZONE RESISTANCE	AIR+ U.V. VERY GOOD, OZONO 48h/ 200 pphm
COMPRESSION DEFLECTION ACCORDING TO (ASTM D 1056)	AT 25% - 45,2 Kpa
COMPRESSION SET 50%/22h (ASTM 1056 at 23°C after 24 hours)	18,9% =< 25%
CORROSIVE EFFECT ON :	COPPER AND SILVER
FIRE RESISTANCE UL 94	94 HBF
SHORE HARDNESS 00	45 +/-10

Applications:

Diaphragms, grommets, electrical insulation, vibration mounts, all typically used with power transformers, lap tops, CPUs, mobile phones and electronic cases.

Thickness range: 1.5mm to 10mm**Available format:** Sheet, slit tape, die cut parts