

Technical Data Sheet

Neoprene Rubber BS2752 C50

CHEMICAL DESCRIPTION:

Polychloroprene, Chloroprene (CR)

PHYSICAL PROPERTIES

TENSILE STRENGTH:	13 MPa
COMPRESSION SET: 22 Hours @ 70°C	30% Max.
ELONGATION AT BREAK:	450%
ABRASION RESISTANCE:	Good
HARDNESS RANGE:	50°Sh. A +/- 5 °Sh.
TEMPERATURE RANGE:	-28° - +125°C
OZONE RESISTANCE:	Good
RESILIENCE:	Fair



CHEMICAL RESISTANCE

WATER:	Good especially Salt Water
ACIDS:	Fair – Suitable to PH 4 – Otherwise use a higher grade.
ALKALIS:	Fair to Good
OILS:	Good
FUELS AND PETROLEUM SOLVENTS:	Fair
KETONES:	Poor

Chloroprene is one of the original synthetic rubbers and it has the most balanced range of desirable properties. The chlorine atom gives it a good level of resistance to oils, which is somewhere between natural rubber and nitrile, and this mid-range is often sufficient for many general applications. CR is resistant to many inorganic chemical products except oxidising acids and halogens. It has moderate resistance to aliphatic hydrocarbons. (paraffin, grease, vegetable oils, animal fats etc.)

This is a British Standard Nitrile Rubber to BS2752. Using a recognised standard ensures that the material will always comply to it no matter who the manufacturer is. This ensures continuity of operation which can vary if non-standard materials are used.

ELASTOMERS



Certificate Number: 14352
 ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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