

# Technical Data Sheet

## Neoprene Rubber Insertion WCMC66

**CHEMICAL DESCRIPTION:** Polychloroprene, CR, Cotton Insertion

### PHYSICAL PROPERTIES

TENSILE STRENGTH:	5 (MPa)
COMPRESSION SET: 22 Hours @ 70° C	35%
SPECIFIC GRAVITY:	1.40
ELONGATION AT BREAK:	300% Min
ABRASION RESISTANCE:	290 mm <sup>3</sup>
HARDNESS RANGE:	70° Sh. A (+ or - 5°)
TEMPERATURE RANGE:	-20° - +110° C
OZONE RESISTANCE:	Good



### 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
ACTIVE POLYMER CONTENT	30%

The tensile and tear strength figures mentioned above refer to the rubber element only and would be increased with the inclusion of an insertion. The degree of change would depend on the type of scrim used.

Recommended for medium cost products where moderate resistance to heat and oils is essential. The good ozone resistance of Neoprene ensures a long life in outdoor applications.

**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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