



EUROPEAN
SEALING
TECHNOLOGY

Seals for industry

CR SHEET

POLYCHLOROPRENE / NEOPRENE

Technical data sheet



European Sealing Technology - Industrial sealing solutions

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CR SHEET PRODUCT

PROPERTIES

Type

Polychloroprene Rubber, Neoprene® Rubber

Colour

Black

Hardness

65° (+/-5°) Shore 'A'

Specific Gravity

1.48 g/cm³

Tensile Strength

≥ 9MPa

Elongation at Break

≥ 250%

Tear Resistance

≥ 25 N/mm

Temperature Range

In air :

-20°C to 90°C

In Oil:

Max 90°C

In water/Steam:

Max 90°C

Chemicals and physicals characteristics

Advantages in performance...

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for abrasion resistance, impact resistance, tear resistance, and vibration dampening, ozone resistance, oxidation resistance, and sunlight resistance..

CR is suitable with dilute acids, dilute organic acids, alcohols, refrigerant ammonia, and silicone oil.

Limitations in performance...

for compression set. CR is not suitable in concentrated acids, concentrated organic acids, aldehydes, concentrated alkalis, amines, diester oils, alkyl phosphate esters, aryl phosphate



esters, ethers, aliphatic hydrocarbon fuels, aromatic hydrocarbon fuels, halogenated solvents, halogenated hydrocarbon, ketones, and lacquer solvents

Note that in most general sealing application CR is outperformed by nitrile materials