



**NEO
NEOPRENE**

Design Description

Neoprene rubber is a highly resistant material and is used for a variety of outdoor and marine applications. NEO, is produced by the polymerization of chloroprene. Neoprene rubber resists degradation more than natural or synthetic rubber.

Features

- High performance urethane
- Nylon
- Resistance in ammonia

Properties	Standard	Unit	Value
Hardness	ASTM D2240	Shore A	85 ± 5
Specific gravity	ASTM D1817		1.5
Tensile strength	ASTM D412	MPa	11.3
Elongation at break	ASRM D412	%	480
Stress ratio 100%	DIN 53504	N/mm ²	
Compression set (22Hrs at 100°C)	ASTM D395B	%	35
Minimum application temperature		°C	-50
Maximum application temperature		°C	100