



# Neoprene (2752) Technical Datasheet

## Description

Neoprene (2752) is a high performance Neoprene (CR) sheet manufactured in accordance with BS 2752. The material offers improved mechanical properties, thermal stability, and chemical resistance compared to standard grades.

## Application

Neoprene (2752) has excellent resistance to seawater, weathering, ageing, inorganic salts, and mineral / vegetable oils and greases. It is often specified for its self-extinguishing and flame retardant properties, and is commonly used in electrical installations and outdoor sealing applications.

## Typical Physical Properties

Polymer		CR
Density (SG)	ASTM D297-93	1.4g/cm <sup>2</sup>
Hardness	BS903 A26	70° Shore A (+/-5)
Ageing (Elongation)	BS903 A19 B	-20%
Ageing (Tensile)	BS903 A19 B	-12%
Ageing (Hardness)	BS903 A19 B	+7°
Tensile Strength	ASTM D41	13 MPa
Compression Set	ASTM D395 B	25% (22hr @ 70°C)
Elongation at Break	ASTM 412	≥ 200%
Temperature Range		-30 to 110°C
Pressure		24 Bar Maximum

## Note:

The above pressure rating is dependent on the operating temperature, and does not apply at the maximum temperature



## Availability

<b>Thickness</b>	0.5mm to 25mm
<b>Roll Width</b>	1400mm
<b>Roll Length</b>	10m (0.5mm to 6mm thick) 5m (8mm to 25mm thick)
<b>Specification</b>	BS2752 Flame Retardant
<b>Hardness</b>	Other shore hardnesses available
<b>Colour</b>	Black

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