# **Neoprene Sponge Sheet**

## **Sponge Sheet**



Neoprene sponge sheet is a versatile foam material renowned for its durability, flexibility, and resistance to weathering, chemicals, and extreme temperatures. Its soft, compressible nature provides excellent sealing, cushioning, and insulation, making it ideal for applications such as gaskets, seals, vibration dampening, and thermal insulation in industries like automotive, marine, HVAC, and construction. Mechanically, it offers high tensile strength, good elongation, and strong recovery after compression, ensuring reliable performance in demanding conditions. Its resistance to oils, ozone, and UV exposure further enhances its suitability for both indoor and outdoor use.

## **Features**

- Vibration Damping
- Compression Set Resistance
- Thermal Stability
- Chemical Resistance
- Weather and UV Resistance

## **Availability**

Available in Custom Parts and Stock Sheets

#### **Typical Physical Properties**

Property	Test Method	Neoprene Sponge
Colour	-	Black
Elongation	-	>180%
Water Absorption	-	0.8
Compression Set (50% 22h 20°C)	-	19.10%
Density (g/cm³)	-	1.22

### **Benefits**

- Temperature range -40°C / +85°C
- Good strength, abrasion and resilience properties
- · Resists weathering and oxidative ageing

## **Recommended Uses**

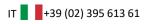
 Automotive, Domestic & Commercial, Catering, Construction, Electronics, Energy, Food & Beverage, HVAC, Lighting, Marine

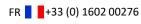
#### **Electrical and Mechanical Information**

Property (unit)	Test Method	Neoprene Sponge
Flammability Rating	-	UL94 HBF
Maximum Operating Temperature	-	+85°C
Minimum Operating Temperature	-	-40°C



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