

# Viton Sponge Rubber



## DRVITSPONGE-3.18 DATA SHEET

**DELTA RUBBER LIMITED**

Unit 21 Priory Industrial Park, Airspeed Road  
Christchurch, Dorset, BH23 4HD

t: 01425 278011 www.deltarubber.co.uk deltasales@deltarubber.co.uk

### Description:

Viton Sponge Rubber is a high performance closed-cell formulation, manufactured with a continuous skin on both sides for improved strength and tear resistance. If the skin is punctured or cut, the sheets act as impenetrable barriers, preventing the passage of air or fluid between the cells.

Crafted to be non-absorbent, Viton sponge rubber exhibits exceptional compressibility, resilience, and lightweight properties, while simultaneously providing optimal thermal insulation. With a service temperature range of -24°C to 205°C, resistance to aliphatic and aromatic hydrocarbons, oils, fuels, ozone and weather, lubricants and animal or vegetable oils, acids and hot water, the material offers unrivalled performance in comparison to other sponges.

### Physical Properties:

<b>Thickness (mm)</b>	3.18
<b>Colour</b>	Black
<b>Water Pick Up (% Weight Increase)</b>	0%
<b>Compression Set (%)</b> (22 hours at 75°F)	27%
<b>Compression Set (%)</b> (22 hours at 75°F)	100%
<b>Low Temperature Brittleness (°C)</b>	-24°C
<b>Compression Deflection (psi)</b> (25% Deflection - original)	6.5
<b>Compression Deflection (psi)</b> (25% Deflection – 7 days at 400°F)	9.0
<b>Density – Lbs per cubic foot</b>	19
<b>Thickness Tolerance (mm)</b>	+1.27
	-0.76

#### Thickness

3.18mm

#### Sheet Size

1422mm x 710mm

#### Finish

Skin

#### Cutting

Standard Press Tools

