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TECHNICAL DATA SHEET

AS405 Expanded EPDM Sponge Rubber

<u>PROPERTIES</u>	<u>AVERAGE VALUE</u>
ASTM D1056 -14 Classification	2A1 B3 C M
Density (ASTM D3575)	75-105 kg m ³
Compression Deflection (25%) (ASTM D1056)	15-35 kPa
Compression Deflection (50%) (ASTM D1056)	60-80 kPa
Compression Set (25%/22h/23°C) – After 24hrs (ASTM D 1056)	10-15 %
Compression Set (50%/22h/23°C) – After 24hrs (ASTM D 1056)	20-40 %
Shrinkage (22h/70°C) (ASTM D573)	10-15 %
Shore Hardness “00” Scale	35-45
Elongation (ASTM D412)	180-220 %
Temperature Range (Constant)	- 30°C / + 80°C
Temperature Range (Intermittent)	- 30°C / + 95°C
Water Absorption Max weight change (ASTM D 1056)	1-3%

Tensile Strength (ASTM D 412)

200-300 kpa

Flame Resistance (>3mm)

FMVSS302 Pass

Flame Resistance (>12mm)

UL94 HBF Pass

Environmental Protection

CFC, Halogen & HCFC Free