



AS Rubber & Plastics Limited

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SPECIFICATION SHEET

AS401

Expanded Soft EPDM Sponge

Cellular Structure:	Closed cell expanded rubber	
Features:	Very soft EPDM with closed cells	
Density:	ISO 845-88	75 +/- 15 kg/m ³
Tensile Strength:	ISO 1798-97	≥ 200 kPa
Compression - Deflection:	ASTM D1056 @ 25% ASTM D 1056-78	14 Kpa
Compression Set:	50% 22h 23°C/70°F	< 28%
Vacuum - Water Absorption	ASTM D 1056-78	11%
Ultimate Elongation	ISO 1798-97	≥ 150%
Dimensional Stability:	After 3h 80°C	+0.1 %
Temperature Range:	Constant Intermittent	- 40°C / + 80°C + 100°C
Linear Shrinkage:	After 7 days 70°C	+1.6 %

Tear Resistance	ISO 43-1 (B-a) 94	≥ 0.5kN/m
Resistance:	Air + U.V.	Excellent
	Ozone	48h / 200 pphm
	Oil	Poor
Specifications, standards:	ASTM D 1056 - 78	
	AFNOR NF R 99211 – 80	3C 04 B3
	SAE J 18 - 79	
	DIN 7726	
	FM VSS 302	Conformable
Environmental protection:	CFC and HCFC free	
Recycling:	Can be recycled	

This information is based on our knowledge and test results. Values should be considered as an average, customers should check that the material is suitable for their applications. Results may vary dependent upon the conditions they are used in and recommendations are made without warranty or guarantee.