

PRODUCT DATA

AlphaSil

TECHNICAL BULLETIN

SILICONE SPONGE PROFILE

Silicone sponge profiles are specially make extruded silicone rubber sponge to suit specific design of seal according to customer requirement. The colour, hardness, grade are selected for specific requirement.

AlphaSil remains the primary choice for extruded profiles because of its accuracy and consistency of section.

The specification below is the high temperature grade for above 250°C.

Model NO.:	MTS-7*25	
Product Name:	Silicone Sponge Extrusion	
Performance	Test Standard	Result
Color		/
Thickness (mm)		7±0.5
Width (mm)		25±1
Density (g/cm ³)		0.5±0.05
Compression Set(%)	ASTM D1056-Test D	<10 (70°C)
		<15 (100°C)
Tensile Strength (Kpa)	ASTM D412	≥650
Tensile Elongation (%)	ASTM D412	≥200
Fire-rated	UL94	/
Toxic Gas Emission Grade	SMC-S00	Pass
Water Absorption	Internal tset 24hrs	<10%
Silicone Sponge Max Temperature		200°C
PSA Adhesive Max Temperature		70°C