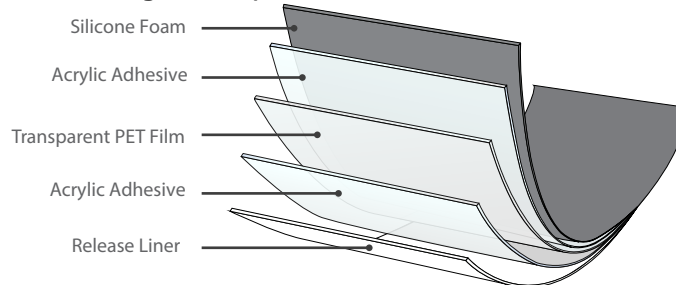


Technical Data Sheet: ZSM400GYDP055, ZSM400BDP055

Medium Hardness Silicone Foam with Adhesive



ZSM400GYDP055, ZSM400BDP055 is a medium hardness silicone foam with acrylic adhesive on one side, which is specially developed according to the needs of industrial market environment sealing. As medium hardness product, it has excellent spring back performance, good weather resistance, waterproof, airtightness and long-term working stability.



Characteristics

- Soft and can make up for tolerance and unique compression set
- Excellent waterproof and air tightness
- Resistance to UV, ozone, extreme temperatures and flame enables the consistent performance

Applications

- Suitable to be used for vibration isolation for components and vehicles
- Environmental sealing and protect enclosures to against dust, moisture, wind and rain
- As sealing of lighting equipment, electrical cabinet and other sealing applications

Properties

Properties	ZSM400GYDP055, ZSM400BDP055	Standard
Silicone Foam (ZSM400)		
Colour	Grey, Black	-
Thickness (mm)	0.8 ~ 20.0 ± 10%	ASTM D374/D374M
Density (kg/m ³)	400	ASTM D1056
Tensile Strength, min (kPa)	300	ASTM D412
Elongation, min (%)	80	ASTM D412
Compression Force Deflection (kPa)	80	ASTM D1056
Compression Set (max %) @70°C @100°C	< 1 < 5	ASTM D1056 Test D
Thermal Conductivity (W/m.K)	0.064	ASTM E1461
Volume Resistivity (Ω.cm)	> 10 ¹³	ASTM D257
Flammability	V-0, HF-1	UL94
Recommended use (°C)	-55 ~ 200	SAE J-2236

Technical Data Sheet: ZSM400GYDP055, ZSM400BDP055
Medium Hardness Silicone Foam with Adhesive



Properties	ZSM400GYDP055, ZSM400BDP055	Standard
Adhesive Tape (ZDP8055)		
Tape Thickness (μm)	50 ± 10%	-
Adhesive Type	Acrylic	-
180° Peel Adhesion to Steel (30mins dwell) (N/25mm)	≥ 11	ASTM D3330
Holding Power (25mm x 25mm, 1kg) (Hrs)	≥ 24	PSTC-7