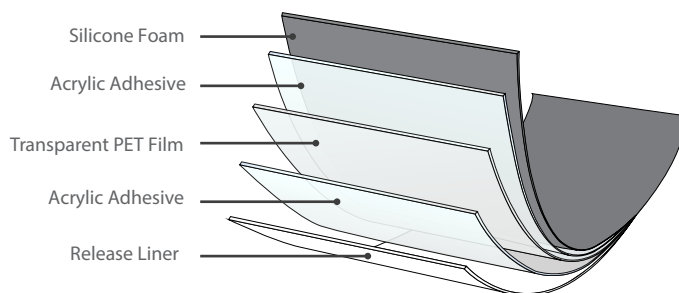


Technical Data Sheet: ZK300GYDP055, ZK300BDP055

Very Soft Silicone Foam with Adhesive



ZK300GYDP055, ZK300BDP055 is a very soft silicone foam with good compressibility and light weight laminated with high performance adhesive tape. It is an ideal material for dust sealing, cushioning and vibration isolating. Applications are including gasket, spring pad and cushion pad.



Characteristics

- Good spring force and low stress relaxation can reduce cost for material failure
- Higher compressibility allows more design flexibility
- Resistance to UV, ozone, extreme temperatures and flame enables the consistent performance
- Excellent adhesion provides secure bonding to various substrates
- Dimensional stable release liner provides excellent feature for converting and die cut process

Applications

- Suitable to be used for vibration isolation for electrical devices and vehicles
- Environmental sealing for aircraft and railway car
- As cushion pad and gasket

Properties

Properties	ZK300GYDP055, ZK300BDP055	Standard
Silicone Foam (ZK300)		
Colour	Grey, Black	-
Thickness (mm)	1.59 ~ 25.4 ± 10%	-
Density (kg/m ³)	270	ASTM D1056
Tensile Strength, min (kPa)	150	ASTM D412
Elongation, min (%)	60	ASTM D412
Compression Force (25% compression) (kPa)	20	ASTM D1056
Compression Set (max 50%, 100°C)	< 5	ASTM D1056 Test D
Thermal Conductivity (W/m.K)	0.05	ASTM E1461
Volume Resistivity (Ω.cm)	> 10 ¹⁴	ASTM D257
Flammability	V-0, HF-1	UL94
Recommended Temperature (°C)	-55 ~ 200	SAE J-2236

Technical Data Sheet: ZK300GYDP055, ZK300BDP055

Very Soft Silicone Foam with Adhesive



Properties	ZK300GYDP055, ZK300BDP055	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