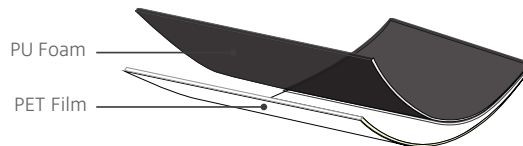


Technical Data Sheet: ZMXC250-150

Extra Soft PU Foam



ZMXC250-150 is an extra soft and slow-recovery polyurethane (Polyurethane) foam, suitable for thin space, can provide good shock absorption and air tightness. Smaller spring back stress reduces interference to the mechanism. The foam body reinforce with PET film enable better stable dimension and also enhance efficiency for adhesive tape lamination.



Characteristics

- Suitable for thin mechanism space, providing cushioning and airtight functions
- The recovery after compression is high, and it still has its due function after long-term use
- Ultra-soft low-density series with a compression ratio of up to 65%
- The foam will not stretch during punching, improving dimensional stability

Applications

- Suitable to be used as cushioning for a variety of consumer electronics, home appliances and automotive products, including bedding, furniture, automotive interiors, carpet underlay and packaging
- Suitable for thin mechanism space, providing cushioning

Properties

Properties	ZMXC250-150	Standard
Colour	Black	-
Thickness (mm)	1.5 ± 10%	ASTM D3574
Density (kg/m ³)	250 ± 10%	ASTM D3574
25% Compression Force (kg/cm ²)	0.10 (0.05 ~ 0.20)	ASTM D3574-05
Compression Deformation Rate (50% compression at 70°C for 22hrs) (%)	≤ 10	ASTM D3574
Dimensional Stability (% maximum change)	≤ 2	ASTM D3574
Recommended Long-Term Temperature, Maximum Temperature (°C)	70	SAE J-2236
Recommended Intermittent Temperature, Maximum Temperature (°C)	120	ASTM D746-98