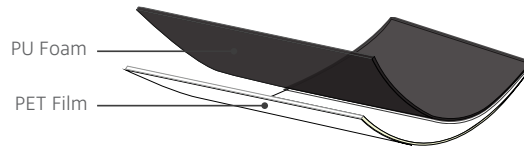


Technical Data Sheet: ZPU-XHC480 Series

Rigid PU Foam



ZPU-XHC480 Series is a rigid polyurethane (Polyurethane) foam with moderate density, but can reach a hardness of 80~86 (Shore 00). It is suitable for high stress environment and can provide good shock absorption and cushioning effect. The foam body reinforce with PET film enable better stable dimension and also enhance efficiency for adhesive tape lamination.



Characteristics

- Superior energy absorption, protection against vibration

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
- Suitable for foot pads that require high load or space filling function

Properties

Properties	ZPU-XHC480 Series	Standard
Thickness (mm)	0.3 ~ 3.0	-
Density (kg/m ³)	480 ± 10%	ASTM D3574
Hardness Asker C	65 (55~75)	ASTM D2240
Hardness Shore 00	80 ~ 86	ASTM D2240
Compression Set (at 50%, 70°C) (%)	≤ 10	ASTM D3574
25% CFDs (kpa)	240 (120~360)	ASTM D3574
Dimensional Stability (% max)	≤ 2	ASTM D3574