

# MicroC Foam<sup>®</sup> Polyurethane Foams

## PZ very soft series

### Very soft Polyurethane Foams with super compression set resistance.

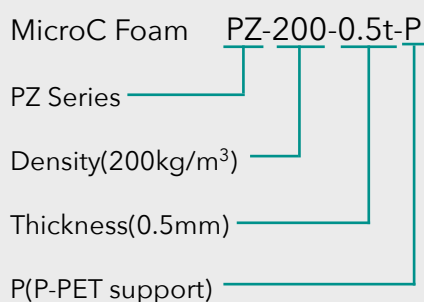
#### Benefits

- Dust, liquid, light and sound sealing
- Long term spring force
- Super compression set resistance
- Resistant to moisture

#### Applications

- LCD and speaker gasket
- Camera lens seals
- Connector cushion pad
- Battery pad

#### Naming



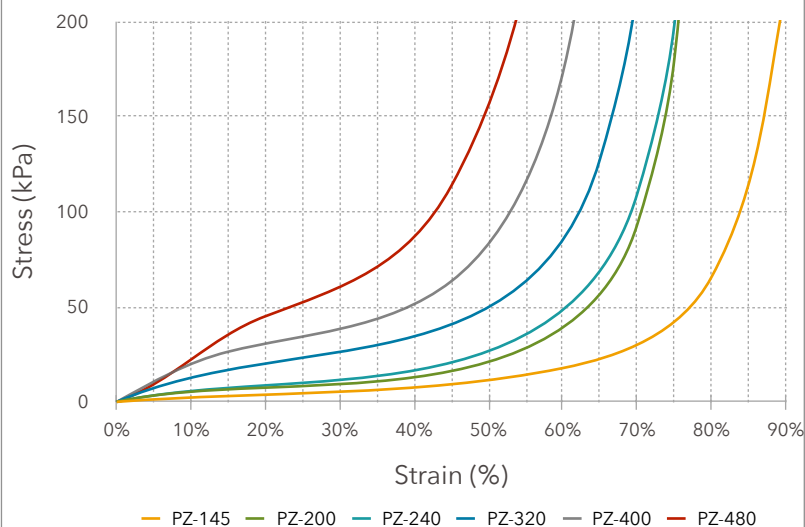
#### Storage

Store in a dry and cool place

No direct exposed to UV or solvent

Properties	Test Method	PZ Series					
Density, kg/m <sup>3</sup> Tolerance,%	ASTM D3574 Test A	145 ±10	200 ±10	240 ±10	320 ±10	400 ±10	480 ±10
Thickness,mm Tolerance,%		0.3~2.0 ±10	0.5~4.0 ±10	0.5~5.0 ±10	2.0 ±10	0.4~3.0 ±10	0.3~0.5 ±10
Compression Set % max, 50%, 70°C	ASTM D3574 Test D	10					
Compression Force Deflection, Range kPa	25% deflection	1.7~9.2 5	2~17 9	2~24 12	7~35 20	8~58 32	16~94 54
Color		Black					
Recommended Constant Use, max		70°C					
Recommended Intermittent Use, max		120°C					
Embrittlement	ASTM D746	-20°C		-18°C		-12°C -10°C	
Cold Flexibility	MIL-P-12420D -40°C	Pass					

PZ series CFD Curve



MicroC Foam<sup>®</sup> is a registered trademark of Shengying Corporation.  
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