

Features

The **PFS-IR** is excellent shock absorption polymer urethane foam. **PFS-IR** has low-rebound characteristics, boasting excellent protection from vibration in its parts due to superior energy and shock absorption. It is LCD panel and OLED display unit against dust and can be used as cushioning for shock absorption

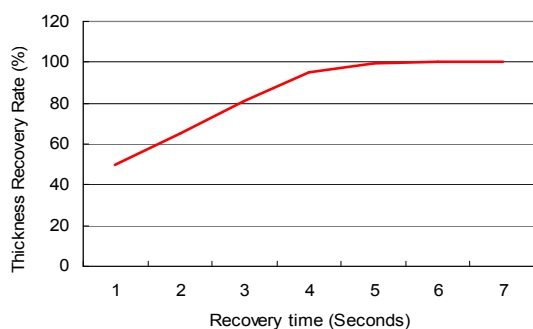
Applications

- Absorbs shock when applied to portable electric devices and household appliances.
- Excellent shading, shock absorption and anti-vibration when applied to LCD gaskets for display.
- Enhancement of confidentiality, prevention of crackin sounds and buzzing prevention when applied to ringers and speakers.
- Motor vibration absorption and elimination, improved confidentiality and anti-vibration when applied to motors.

Product Data

Property		Unit				Test Method
Thickness		mm	0.2~0.3	0.5~1.0	1.2~3.0	Video Microscope
Density		g/cm ³	0.52~0.66	0.40~0.44	0.34~0.38	ASTM D3574
Compressible Ratio(Max)		%	35~45	55~60	60~65	-
Color			Black	Black	Black	-
Compression Force Deflection	25%	kgf/cm ³	0.24~0.34	0.16~0.17	0.13~0.15	ASTM D3574
	50%	kgf/cm ³				
Hardness		ASKER "C"	45	45	45	ASTM D2240
Compression Set		%	<5	<5	<5	ASTM D3574
Tensile Strength		kgf/cm ²				ASTM D3574
Elongation		%				ASTM D3574
Tear Strength		kgf/cm ²				240hrs. & 50°C
Dimensional Stability		%	<1	<1	<1	240hrs. & 0°C
		%	<1	<1	<1	
Surface Resistivity		Ω/sq.	1X10 ¹²	1X10 ¹²	1X10 ¹²	ASTM D257

Compression Recovery



Stress-Strain Curve

