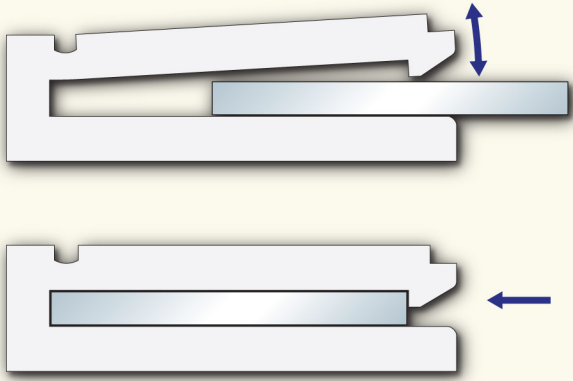
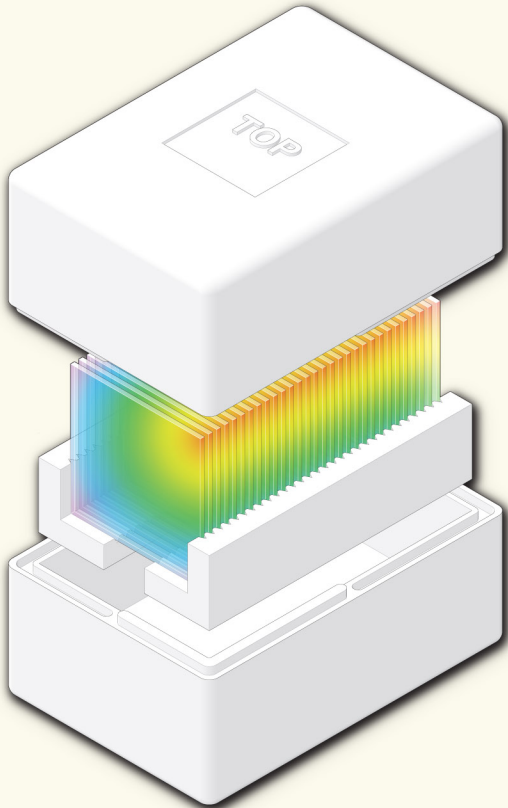
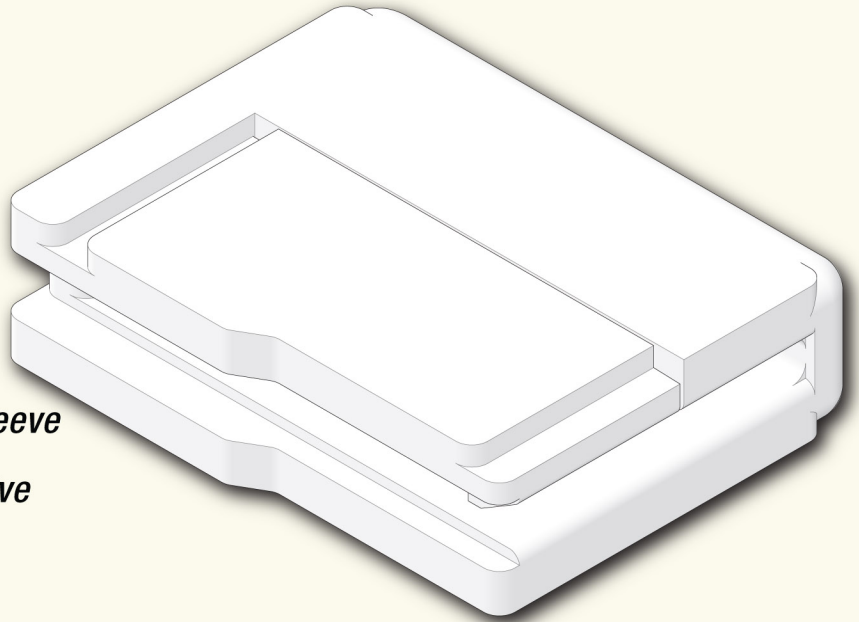


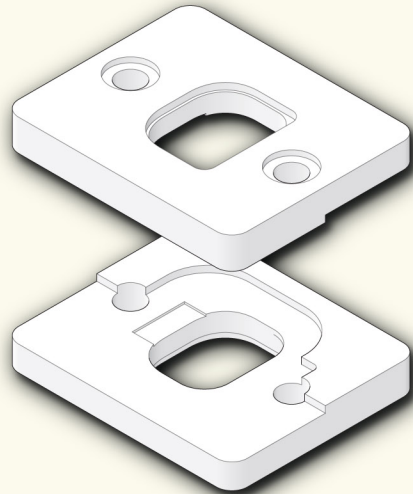
CHEMICALLY RESISTANT, FLEXIBLE FOAMS FOR DESIGN



*Robotic Handling Sleeve
for use in
Deep Freeze Archive*



*No-Scratch Protection
for Coated Optics*



*Miniature Floats
(actual size)*

TEMPO

PRECISION MOLDED FOAM

www.tempo-foam.com

E-por is PS/PE (polystyrene/polyethylene) interpolymer molded into crack resistant, solvent resistant foam with a smooth glossy finish produced in Tempo's Dry Molding Process for thin wall molding.

Applications include lightweight structural parts which will pass the FMVSS302 flammability standard.

The solvent resistance is superior compared to standard EPS. Acetone and gasoline are just two examples of solvents that E-por displays some resistance.

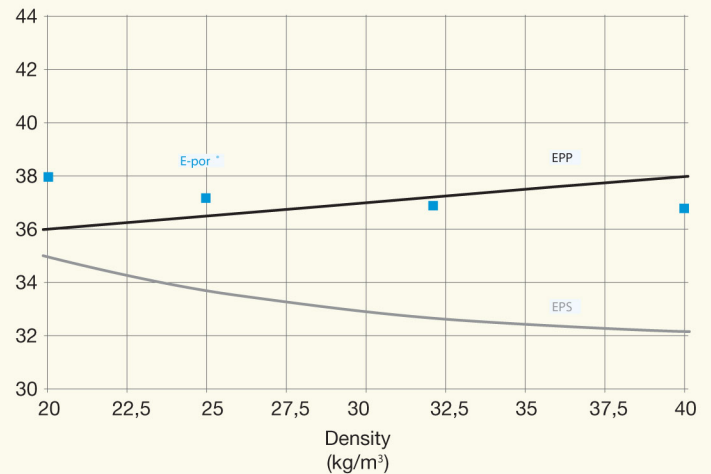
Overview on Properties

Property (standard)	Unit	EPS	E-por *	EPP
Density	g/L	35	35	35
Cushioning Factor (DIN 55471)	-	2.5	2.65	2.73
Energy Absorption (hysteresis at 70% compression with 5 mm/min feed, ISO 3386-1)	J	33.5	19.0	13.0
Compressive Strength at 10% (DIN-EN 826)	kPa	275	165	135
Flexural Work to Break (DIN-EN12089)	J	2.9	7.4	-
Flexural Strength (DIN-EN12089)	kPa	610	480	-

Thermal Conductivity

(DIN52612)

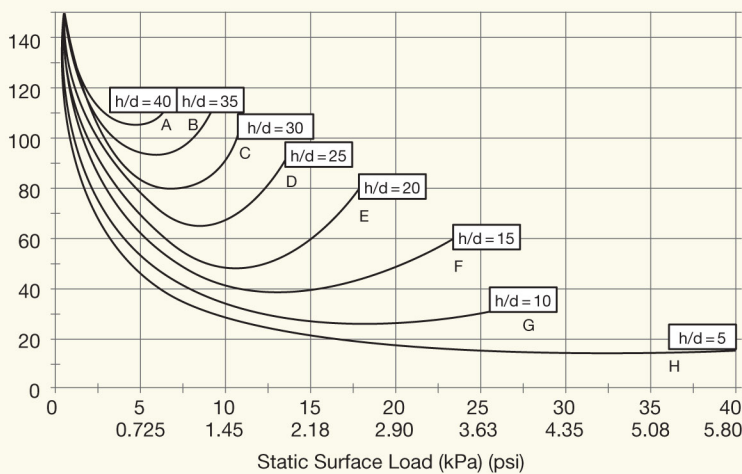
Thermal Conductivity
[mW / (mK)]



Cushion Curves for 40 kg/m

(DIN55471)

First Impact:
Impact Factor (g)



Cushion Curves for 40 kg/m

(DIN55471)

Average of Third to Fifth Impact:
Impact Factor (g)

