



SHORE A POLYURETHANES

"Dedicated to *QUALITY, SERVICE, SAFETY and INNOVATION*"

F-54 A/B

55 SHORE A POLYURETHANE ELASTOMER

PRODUCT HIGHLIGHTS:

- Rapid demolds
- Ideal for part production
- Does not contain MOCA, MDA, or TDI
- Very easy to use
- Excellent physical properties

PRODUCT DESCRIPTION:

The F-54 A/B system is a production oriented fast gel and fast de-mold material. It features a work life which allows sufficient time to vacuum de-gas and pour air-free parts. F-54 A/B is a 100% reacted material system, which produces an oil-free dry surface and can be demolded in as little as two hours depending on part size and configuration.

TYPICAL PRODUCT USES:

- ◆ Shock absorbent bumpers and pads
- ◆ Potting and encapsulation
- ◆ Tires for models of all kinds
- ◆ Small molds
- ◆ Cable connector sealer
- ◆ Gaskets and seals

PHYSICAL PROPERTIES:

Hardness, Shore A ASTM D-2240.....	55 ± 2
Specific Gravity, (g/cc) cured ASTM D-792	1.08
Cubic Inches Per Pound.....	26.2
Color/Appearance	Translucent Neutral
Tensile Strength, (psi) ASTM D-412	890
Elongation, (%) ASTM D-412	530
Tear Strength, (pli) ASTM D-624	98
Modulus of Elasticity, (psi):	
@ 100% Strain	261
@ 200% Strain	404
@ 300% Strain	546
Shrinkage, (in./in.) linear ASTM D-2566	0.005