



SHORE A POLYURETHANES

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

F-42 A/B 42 SHORE A POLYURETHANE ELASTOMER

PRODUCT HIGHLIGHTS:

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

PRODUCT DESCRIPTION:

F-42 A/B has been designed to provide vastly improved tensile strength and elongation in comparison to the F-40 A/B system it supersedes. The F-42 A/B system is a production oriented fast gel and fast de-mold material. It features a working time which allows time to mix, vacuum de-gas, and pour air-free parts. F-42 A/B can be demolded in 2 - 4 hours at ambient temperature, depending on part size and configuration.

TYPICAL PRODUCT USES:

- ◆ Shock absorbent bumpers and pads
- ◆ Potting and encapsulation
- ◆ Small molds
- ◆ Many types of urethane parts
- ◆ Cable connector sealer

PHYSICAL PROPERTIES:

Hardness, Shore A ASTM D-2240	42 ± 2
Specific Gravity, (g/cc) cured ASTM D-792	1.07
Cubic Inches Per Pound	25.9
Color/Appearance	Yellow/transparent
Tensile Strength, (psi) ASTM D-412	735
Elongation, (%) ASTM D-412	1,080
Tear Strength, (pli) ASTM D-624	65
Shrinkage, (in./in.) Linear ASTM D-2566	0.005