



F-90 A/B HIGH PERFORMANCE 90 SHORE A POLYURETHANE ELASTOMER.

PRODUCT HIGHLIGHTS

- Exceptionally abrasion and impact resistant.
- Contains no TDI, MDI, MDA, MOCA
- Easy to handle
- Easily tinted to any colour
- Room temperature mixing and curing
- Short demold times allows for production parts.

PRODUCT DESCRIPTION

- F-90 is a two-component urethane casting that is specifically formulated for high abrasion and impact resistance. It is recommended for use for the production casting of highly wear-resistant parts and linings. This product is a safe, easy-to-handle, room temperature mixing and curing system that does not contain TDI, MDI, MDA, MOCA. F-90 is relatively insensitive to typical environmental moisture and will make good void-free parts without the problems that some conventional urethane systems exhibit. Because of this products exceptional toughness and abrasion resistance, castings made with F-90 A/B are particularly suitable for the mineral process and metal forming industries.



- Abrasion resistant parts and linings
- Bumper and rub rails
- Paper feed rollers
- Potting and encapsulation applications
- Semi-flexible moulds
- Metal forming die facings
- Machinery base pads

PHYSICAL PROPERTIES

Hardness, Shore A	90+2
Specific gravity (gm/cc)	1.08
Displacement (cu.in/lb)	25.6
Colour	Tan-Opaque
Tensile Strength, (psi) ASTM D-412	3,000
Elongation (%) ASTM D-412	440
Tear strength (pli) ASTM D-624	300
Shrinkage (in./in) ASTM D-2566	0.0066