

### DESCRIPTION

PC-40 THIXO is a two component liquid polyurethane elastomer specifically formulated as a thixotropic brush on molding compound. After mixing, PC-40 THIXO will thicken to a creamy pliable paste in 1-2 minutes, which can easily be brushed on to vertical or overhead surfaces without sagging or running. After mixing, this product has a 15 minute working life. This material combines high strength with low durometer. PC-40 THIXO can be built up by applying two or three coats, approximately 30 minutes apart. In 24 hours PC-40 THIXO cures to a tough rubber mold which is ready for use.

### FEATURES

- \_ Convenient 1:1 mix, by volume or weight
- \_ Insensitive to environmental moisture
- \_ Good adhesion between coats
- \_ Tough with high tear resistance
- \_ Insensitive to inhibition
- \_ Low durometer and high strength
- \_ Low Viscosity
- \_ Low residual surface tack

### WORKING PROPERTIES

Uncured	Test Methods (ASTM)	Value
Viscosity Part A at 72 F, cps	D-2392-71	2,500
Viscosity Part B at 72 F, cps	D-2392-71	2,000
Viscosity Mixed at 72 F, cps	D-2392-71	500,000
Mixed Ratio by Volume		100-A/100-B
Mixed Ratio by Weight		100-A/100-B
Weight per gallon, lbs		8.83
Cubic inches per pound		25.70

Cured	Test Methods (ASTM)	Value
Hardness – Shore A	D-2240-68	45-48
Tensile strength, psi	D-412-68	1,076
Elongation, %	D-412-68	408
Tear strength, psi	D-624 Die C	244
Shrinkage in inches	D-2566	N/A
Color		Light Blue

Cure Schedule	Test Methods (ASTM)	Value
Pot Life	D-2471-71	15 min
Demold Time		2-4 hrs
Full Cure		24 hrs

### Suggested Uses

Overhead and Vertical Molding