

### DESCRIPTION

PC-00 is a two-component urethane elastomer specifically formulated to mold parts or pads which absorb impact or vibration. Once cured, PC-00 forms a soft yet tough polymer ideally suited for molding seat pads, sound dampening speaker pads or life like artificial skin parts. PC-00 is low viscosity, easily mixed and poured.

### FEATURES

- Insensitive to typical environmental moisture
- Low viscosity
- High elongation
- Insensitive to inhibition
- Good adhesion between pours
- Good flow into fine detail
- Convenient 1:1 mix by volume
- Good dimensional stability
- Good grease and oil resistance

### WORKING PROPERTIES

Uncured	Test Methods (ASTM)	Value
Viscosity Part A at 72 F, cps	D-2392-71	1,000
Viscosity Part B at 72 F, cps	D-2392-71	1,200
Viscosity Mixed at 72 F, cps	D-2392-71	1,100
Mixed Ratio by Volume		100-A/100-B
Mixed Ratio by Weight		100-A/97-B
Weight per gallon, lbs		9.02
Cubic inches per pound		25.61

Cured	Test Methods (ASTM)	Value
Hardness – Shore A	D-2240-68	0
Tensile strength, psi	D-412-68	116
Elongation, %	D-412-68	1,329
Tear strength, psi	D-624 Die C	32
Shrinkage in inches	D-2566	0.0015
Color		Beige

Cure Schedule	Test Methods (ASTM)	Value
Pot Life	D-2471-71	30 min
Demold Time		8 hrs
Full Cure		24 hrs

### SUGGESTED USES

Molded Seat Pads, Speaker Pads, Prosthetics