

PC-10

A CURATIVE POLYURETHANE GEL



PC-10 is set up as a three component liquid material system. When added in increased amounts, the "C" component takes the basic A/B mixture from the texture of an ordinary soft gumdrop to a jelly-like consistency. One of the most unusual, yet, important features of this product is that regardless of the consistency, PC-10 can bounce back to its original shape. The maximum amount of "C" that can be added is 200% to a total A/B mixture. This level of "C" produces a gel that has a sticky, pressure-sensitive adhesive type surface. This can be a desirable feature as it can keep the gel in place when it is used to fill a bladder or bag. This product can be purchased as an A/B kit or as A/B/C kit.

- Resists moisture absorption and is moisture insensitive during handling
- Does not contain MOCA, MDA, or TDI
- Very easy to use
- Non-foaming
- Non-corrosive and compatible with electrical components
- Cures at room temperature

PHYSICAL PROPERTIES	TEST METHOD	TEST RESULTS
Hardness, Shore A	ASTM D2240	15 ± 5
Density (g/cc)	ASTM D792	0.95
Color/Appearance	Visual	Translucent Pale Yellow
Shrinkage (% by volume)	—	0.2
Water Resistance (% weight change) 30 days & 77°F (25°C)	—	+ 0.2

HANDLING PROPERTIES	Part A	Part B	Part C
Mix Ratio by weight	50	100	Can be added up to 200%
Specific Gravity @ 77°F (25°C)	1.02	0.91	0.93
Color	Pale Yellow	Colorless	Colorless
Mixed Viscosity of A/B (cps) @ 77°F (25°C) Brookfield	150		
Work Time of A/B, 100g mass @ 77°F (25°C)	5 – 10 minutes		
Demold Time @ 77°F (25°C)	3 hours		

Properties above are typical and not for specifications.

STORAGE:

Store at ambient temperatures, 65-80°F (18-27°C). Unopened containers will have a shelf life of 6 months from date of shipment when properly stored at recommended temperatures. Purge opened containers with dry nitrogen before re-sealing.

PACKAGING	Part A	Part B	Part C
Gallon Kits	1 lb.	2 lbs.	6 lbs.
5-Gallon Kits	6 lbs.	12 lbs.	36 lbs.

SAFETY PRECAUTIONS:

Use in a well-ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeat or prolonged contact on the skin may cause an allergic reaction. Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

IF CONTACT OCCURS:

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. It is *not* recommended to remove resin from skin with solvents. Solvents only increase contact and dry skin. Seek qualified medical attention if allergic reactions occur.

Eyes: Immediately flush with water for at least 15 minutes. Call a physician.

Ingestion: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

Refer to the Material Safety Data Sheet before using this product.



Handling Guide



PC-10 Part A SDS



PC-10 Part B SDS



PC-10 Part C SDS