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CE 5047

Product Information

CE 5047 is a High Performance, multi-purpose polyurethane designed for processing through plural component, high pressure or low pressure dispensing equipment. CE 5047 is designed to be tough and flexible with high impact and tear resistance along with excellent chemical and water resistance. CE 5047 performs well as auto fascia bumper material and as a coating over metal plates for military and law enforcement official's protection and safety.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	950 - 1500	360 - 600
Specific Gravity (gr/ml)	1.10-1.12	1.02-1.05

Physical Properties (Final Product)

Hardness, Shore D, ASTM D-2240	47 to 55
Tensile Strength (psi), ASTM D-412	2700
Elongation (%), ASTM D-412	150
Tear Strength (pli), ASTM D-624, Die C	370
Color	Black

Handling Characteristics

Mix Ratio by Volume (Component A: Component B) 1.00:1.00

Gel Time (at 130-150°F), (seconds)	30-120
Tack Free Time (seconds)	at Gel
Demold Time (minutes)	10
90% Cure Time (hours)*	24

(*) Final physical properties will be reached in a course of several days.

Storage and Shelf Life

Components should be kept well sealed in a dry place from 75 to 90°F. Shelf life of unopened containers is six (6) months from manufacturing date. Mix Component B well prior to each use. Purge opened containers with dry nitrogen before resealing. Refer to product MSDS for more information.

Packaging

Component A:	55 gallons steel drum (closed top)	500 lb Net Weight
Component B:	55 gallons steel drum (open top)	450 lb Net Weight

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