

CE 3400 Series

Product Information

CE 3400 series is a Medium Performance, multi-purpose polyurethane designed for processing through plural component, high pressure or low pressure dispensing equipment. CE 3400 series was formulated to meet low temperature storage conditions. Once fully cured, CE 3400 series is tough and flexible with high impact and tear resistance along with excellent chemical and water resistance. CE 3400 series is used for a variety of applications including Concrete Stamp pads, Molding parts and manufacturing molds.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	500 - 700	800 - 1100
Specific Gravity (gr/ml)	1.14 - 1.16	1.02 - 1.03

Physical Properties (Final Product)

	CE3400-1	CE3400-2	CE3400-3	CE3400-4
Hardness, Shore A, ASTM D-2240	50	60	70	80
Tensile Strength (psi), ASTM D-412	400	600	650	1200
Elongation (%), ASTM D-412	180	180	200	200
Tear Strength (pli), ASTM D-624, Die C	55	62	100	160
Color	Natural	Natural	Natural	Natural

Handling Characteristics

	30/70	40/60	48/52	53/47
Ratio	30/70	40/60	48/52	53/47
Gel Time (at 130-150°F), (seconds)	180 – 210	180 – 210	180 – 210	180 – 210
Tack Free Time (seconds)	at Gel	at Gel	at Gel	at Gel
Demold Time	10 – 20 min	10 – 20 min	10 – 20 min	10 – 20 min
90% Cure Time (hours)*	24	24	24	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 70 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 gallon steel drum (closed top)	500 lb	Net Weight
Component B:	55 gallon steel drum (open top)	450 lb	Net Weight

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