

CG T85-45S

Product Information

CG T85-45s, is a high-performance, multi-purpose polyurethane designed for processing through plural component, high pressure or low pressure dispensing equipment, or thru static mixer. Once fully polymerized, CG T85-45s is tough and flexible with high impact and tear resistance along with good chemical and water resistance. CG T85-45s performs well as a sealant and joint filler for concrete .

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	220 - 300	750 - 950
Specific Gravity (gr/ml)	1.17 - 1.19	1.01 - 1.03

Physical Properties (Final Product)

Hardness, Shore A, ASTM D-2240	80 - 85
Tensile Strength (psi), ASTM D-412	1275
Elongation (%), ASTM D-412	80 - 110
Tear Strength (pli), ASTM D-624, Die C	180 - 200
Color	Neutral

Handling Characteristics

Mix Ratio by Weight (A/B)	53 / 47
Gel Time at 75°F (seconds)	40 - 50
Tack Free Time (minutes)	at Gel
Demold Time (hours)	1 - 2
90% Cure Time (hours)	24

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 SDS 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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