

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. Once fully cured, it is tough and flexible with high impact and tear resistance along with excellent chemical and water resistance. CE 5047 performs well as a Auto Facia bumper material.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	950 - 1500	350-600
Specific Gravity (gr/ml)	1.10 - 1.12	1.02-1.05

Physical Properties (Final Product)

Hardness, Shore D, ASTM D-2240	60
Tensile Strength (psi), ASTM D-412	3200
Elongation (%), ASTM D-412	150
Tear Strength (pli), ASTM D-624, Die C	480
Color	Black

Handling Characteristics

Mix Ratio by Weight (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 gallon steel drum (closed top)	490 lb	Net Weight
Component B:	55 gallon steel drum (open top)	435 lb	Net Weight

Non-Warranty: This information is furnished without warranty, expressed or implied, except that is accurate to the best knowledge of Eteco, Inc. The data on these sheets relates only to the specific material designated herein. Eteco, Inc. assumes no legal responsibility for use or reliance upon this data. The user should conduct sufficient investigation to establish the suitability of any product for its intended use.