



#### Product Information

HP 8045 is a High Performance, rigid polyurethane foam designed for processing through plural component, low or high-pressure dispensing equipment or mixing and pouring by hand. Once fully cured, this material is tough with high compression and tensile value. HP 8045 exhibits very good surface characteristics and excellent moldability. This material is Eco Friendly due to its lack of HCFC's and HFC's.

Physical Properties (Final Product)	Units	Test Method	Results
Free Rise Density	pcf	ASTM D-1622	4.5 - 5.0
Compressive Strength	psi	ASTM D-1621	55 - 60
Tensile Strength	psi	ASTM D-1623	55 - 60
Shear Strength	psi	ASTM D-273	-
Elongation	%	ASTM D-1623	-
Tear Strength	pli	ASTM D-624	-

Handling Characteristics	Units	Component A	Component B
Mix Ratio by Volume	(A/B)	50	50
Mix Ratio by Weight	(A/B)	52	48
Specific Gravity @ 75°F	g/mL	1.21 - 1.23	1.08 - 1.10
Viscosity @ 75°F	cPs	150 - 250	500 - 700
Color	-	Amber	Amber
Cream Time @ 75°F	Seconds	25 - 35	
Gel Time @ 75°F	Seconds	80 - 90	
Rise Time	Seconds	90 - 110	
Tack Free Time	Seconds	110 - 130	
Demold Time	Minutes	45 - 60	
Final Cure Time	Hours	24	

\*Properties are typical and not for specifications\*

#### 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
	275 gallon plastic totes	2500 lb Net Weight
Component B:	55 gallon steel drum (open top)	450 lb Net Weight
	275 gallon plastic totes	2250 lb Net Weight

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