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F7807

Product Information

F7807 is a high performance Integral Skin flexible polyurethane foam designed for processing through plural component low or high-pressure dispensing equipment. Once fully cured, this material is tough, flexible with excellent physical properties. F7807 is designed for use in applications where tough skin is required with good memory and with excellent mechanical properties strength. F7807 could be used for such applications as, Fitness Equipment pads, Bolster gaming pads, Arm Rest etc...

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	900 - 1100	600 - 700
Specific Gravity (gr/ml)	1.11 - 1.13	1.00 - 1.02

Physical Properties (Final Product)

Tensile Strength (psi), ASTM D-638	290
Elongation (%), ASTM D-638	335
Tear Strength (pli), ASTM D1004	45
Shore A	55 - 65

Handling Characteristics

Mix Ratio by Weight (Component A/Component B)	35 / 65
Mix Ratio by Volume (Component A/Component B)	N/A
Cream Time (sec)	15 - 16
Rise Time (sec)	64 - 68
Tack Free Time (sec)	85 - 92
Demold Time (minutes)	4 - 6
Final Cure Time (hours)	24
Density (pcf)	10 - 11

Storage and Shelf Life

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

Packaging

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

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