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F 7151 Brown

Product Information

F 7151 Brown is a high performance, Semi flexible polyurethane foam designed for processing through plural component low or high-pressure dispensing equipment. Once fully cured, this material is tough and flexible. F 7151 Brown is designed for use in Archery Foam applications where self healing properties are required with good memory and with excellent tear strength.

Physical Properties (Components)

	Component A	Component B
Viscosity at 75°F (cps)	200 - 300	700 - 1000
Specific Gravity (gr/ml)	1.22 - 1.24	1.01 - 1.03

Physical Properties (Final Product)

Air Flow (cfm) ASTM D-3574	2.0
ILD (lbs/sq.ft) @ 25% ASTM D-1564	80
Tear Strength (pli), ASTM D1004	20

Handling Characteristics

Mix Ratio by Weight (Component A/Component B)	33A/67B
Mix Ratio by Volume (Component A/Component B)	N/A
Cream Time (sec)	25 - 35
Rise Time (sec)	120 - 160
Tack Free Time (sec)	175 - 200
Demold Time (min)	15
Final Cure Time (hours)	24
Density (pcf)	5.0 – 6.0

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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