

Product Data Sheet: **725AF-Uncured**

PRODUCT DESCRIPTION: 725AF (EELSLIP) is a low coefficient of friction material featuring a high graphite content. This material is designed for a wide range of applications including pipe saddles, paper mill seal strips & silencers, thrust washers, overload clutches, slip clutches, tensioning devices and glass & aluminum plant drop plates.

MECHANICAL PROPERTIES

Specific Gravity (SAE J380)	1.92
Shore D Hardness (ASTM D2240-68)	
Tensile Strength (ASTM D638)	4500 psi min.
Modulus of Rupture (ASTM-D790)	

FRICITION PROPERTIES

Coefficient of Friction (SAE J661)	
Normal*	.27
Hot*	.24
Wear Rate, by weight (SAE J661)	.007
Friction Code	ED
Maximum Operating Limits	
Rubbing Speed**	2500 fpm
Pressure**	100 psi
Drum Temperature for	350°F
Constant Operation**	

***Note 1.** – Friction values shown are for guide purposes only since values deviate with changes in temperature, pressure and speed. Practical design should include a 25 to 50 percent safety factor.

****Note 2.** – Rubbing speed, drum temperature, and pressure are directly related. Changing any one value will change the others. The values shown represent typical conditions, but are not the ultimate limits of the material.

SAE J661a Test Curves

