

DuPont™ Vespel® ASB-0826 and ASB-3000 Parts

Fabric Composite-Lined Parts Data Sheet

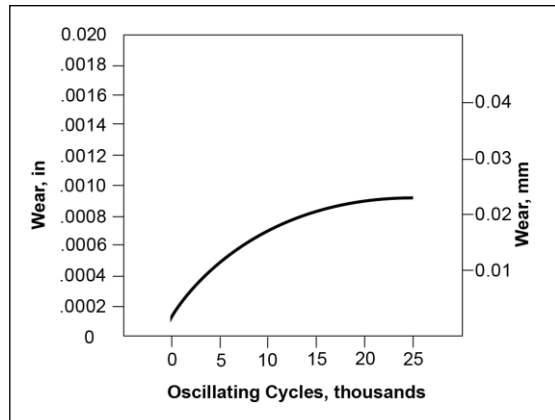
DuPont™ Vespel® ASB-0826 and 3000 fabric-lined parts offer load-carrying capacity, while providing a self-lubricating surface. Fabrics combine the low friction properties of PTFE with other high-strength fibers for a durable liner that won't damage the mating surface. The liner is adhesively bonded to a metal backing that is selected to match the CTE of the mating components and for its galvanic compatibility. This metallic support provides the compressive load capability of the assembly. Parts intended for self-lubricating bushings that require high load capacity.

Typical Properties of Fabric-Lined Grades

Thermal		Other Properties	
Grade	Maximum Temperature		Chemical Resistance
	°F	°C	
0826	640	338	Excellent
3000	650	343	Fair

Wear and Friction Curves for 3000

Speed: 10 cycles/min
 Temperature: 75 °F (24 °C)
 Load: 33,000 psi (227 MPa)
 Oscillation Angle: ±25°
 Wear Surface: 440 C Stainless, Ra 8



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