

MATERIAL SPECIFICATION
Formex GK-17 POLYPROPYLENE

GENERAL PROPERTIES

COLOR NATURAL (WHITE)

PHYSICAL PROPERTIES

DENSITY, GM/CC	ASTM D-792	1.035
FLAMMABILITY	UL94	VO
OXYGEN INDEX	ASTM D-2863	29
WATER ABSORPTION	ASTM D-570	
% CHANGE IN WEIGHT		0.06
HEAT DEFLECTION TEMPERATURE @ 66 PSI	ASTM D-468	121 °C / 250 °F
RELATIVE TEMPERATURE INDEX	UL 746B	
ELECTRICAL		115 °C / 239 °F
MECHANICAL W/O IMPACT		115 °C / 239 °F

MECHANICAL PROPERTIES

TENSILE STRENGTH , PSI	ASTM D-882	
MACHINE DIRECTION		4400
TRAVERSE DIRECTION		3200

ELECTRICAL PROPERTIES

DIELECTRIC STRENGTH, Volts /mil of thickness	ASTM D-149	1460
VOLUME RESISTIVITY, ohm-cm	ASTM D-257	3.97 x 10 ¹⁵
HIGH CURRENT ARC IGNITION, arcs to ignite	UL-746A	162+
HIGH VOLTAGE ARC TRACKING in. / min.	UL-746A	0.0
HOT WIRE IGNITION, sec.	UL-746A	9
COMPARATIVE TRACKING INDEX, volts	ASTM D-3638	600

UL FILE NO. E121855 (N) CSA FILE NO. LS966638

The information on this data sheet is based on laboratory test data we believe to be accurate, relevant and reliable. Please look upon these values as guides rather than absolutes. Since actual service conditions for a given application may vary substantially from standard laboratory conditions, specific recommendations or warranties relative to a specific end use cannot be made. The buyer is urged to conduct its own investigations and qualification tests to determine suitability for its intended application. Accurate Felt & Gasket Mfg. Co. shall not be liable for any damages arising out of the use of any of its guide specifications.