

Garlock 2500

COLOR: GREEN
 COMPOSITION: ARAMID FIBERS WITH NITRILE BINDER
 SERVICE: WATER, SATURATED STEAM TO 150
 PSI, ALIPHATIC HYDROCARBONS,
 OILS AND GASOLINE.

TEMPERATURE RANGE: -100 ° F TO 400 ° F CONTINUOUS
 MAXIMUM PRESSURE: 1000 P.S.I.

ASTM F36 COMPRESSIBILITY, RANGE, % 7-17
 ASTM F36 RECOVERY, % 40
 ASTM F38 CREEP RELAXATION, % 30
 ASTM F152 TENSILE, ACROSS GRAIN, PSI 1250
 ASTM F1315 DENSITY LBS/CUBIC FT 120
 ASTM D149 DIELECTRIC PROPERTIES, 1/16" 350+

RANGE, VOLTS/MIL.
 SAMPLE CONDITIONING
 3 HOURS @ 250 ° F
 ASTM F586 DESIGN FACTORS 1/16" AND UNDER
 "M" FACTOR 6
 "Y" FACTOR, PSI 2000

SEALING CHARACTERISTICS

	ASTM F37B FUEL A	ASTM F37B NITROGEN
GASKET LOAD, PSI	500	3000
INTERNAL PRESSURE, PSIG	9.8	30
LEAKAGE ml/hr.	1.0	2.0

IMMERSION PROPERTIES-ASTM F146 FLUID RESISTANCE AFTER 5 HOURS

	ASTM #1 OIL 300°F	ASTM IRM #903 300°F	ASTM FUEL A 70-85°F	ASTM FUEL B 70-85°F
THICKNESS INCREASE, %	0-10	0-15	0-10	0-10
WEIGHT INCREASE, %	<15	-	<10	<15
TENSILE LOSS, %	-	0-40	-	-

PROPERTIES BASED ON 1/32" SHEET THICKNESS UNLESS OTHERWISE MENTIONED

DISCLAIMER: PROPERTIES AND APPLICATION PARAMETERS SHOWN IN THIS MANUAL ARE PRESENTED IN GOOD FAITH BUT NO WARRANTY IS EXPRESSED OR IMPLIED. FAILURE TO PROPERLY USE GASKET MATERIAL COULD RESULT IN SERIOUS INJURY OR DEATH.