

# Garlock 3000

COLOR: BLUE  
 COMPOSITION: ARAMID FIBERS WITH NITRILE BINDER  
 SERVICE: WATER, ALIPHATIC HYDROCARBONS,  
 OILS AND GASOLINE.

TEMPERATURE RANGE: -40 ° F TO +700 ° F      CONTINUOUS MAX: +400 ° F  
 MAXIMUM PRESSURE: 1000 P.S.I.

ASTM F36	COMPRESSIBILITY, RANGE, %	7-17	
ASTM F36	RECOVERY, %	50	
ASTM F38	CREEP RELAXATION, %	21	
ASTM F152	TENSILE, ACROSS GRAIN, PSI	2250	
ASTM F1315	DENSITY LBS/CUBIC FT 1/16"	100	
ASTM F586	DESIGN FACTORS	1/16"	1/8"
	"M" FACTOR	4.2	5.2
	"Y" FACTOR, PSI	3050	4400

## SEALING CHARACTERISTICS

	ASTM F37B FUEL A	ASTM F37B NITROGEN
GASKET LOAD, PSI	500	3000
INTERNAL PRESSURE, PSIG	9.8	30
LEAKAGE ml/hr.	0.2	0.6

## 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, %	0-5	0-15	0-5	0-10
WEIGHT INCREASE, %	<8	<35	<8	<15
TENSILE LOSS, %	-	-	-	-

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.*