

## Gasket Sleeve & Dimensions

Type E and F Gasket Materials	Max temp.	Dielectric V/mil	Water Absorption
Aramid Fiber (Green Sheet)	750° F	300	-
CE Grade Phenolic	225° F	400-500	1.10%
G-10	Cryo-250° F	500	0.02%
XX Grade Phenolic	175° F	500	0.02%
Nitrile Faced Phenolic (Rubber Clad)	175° F	500	0.02%
HTG-3 (600° F Short time)	450° F	600	0.15%
Garlock Bluegard 3400	700° F	630	-
Klinger C-4401	750° F	300	-
Hi-Temp HTG-3	450° F	600	0.15%

Type D RTJ Gasket Materials	Max temp.	Dielectric V/mil	Water Absorption
CE Grade Phenolic	225° F	500	1.10%
G-10	Cryo-250° F	500	0.02%
Hi-Temp HTG-3	450° F	600	0.15%

Sleeve Material *	Max temp.	Dielectric V/mil	Water Absorption
Polyethylene	180° F	450	0.01%
Mylar	350° F	4000	0.22%
Phenolic	250° F	500	-
Minlon (Sleeve and Washer)	300° F	450	0.90%
Nomex	425° F	690	10 %/humidity
G-10	Cryo-250° F	500	0.02%

\* Sleeve materials sized to fit over threaded bolts. May not fit bolts with shanks.

Washers Material	Compressive Strength	Max temp.	Dielectric V/mil	Water Absorption
CE Grade Phenolic	39000 PSI	225° F	400-500	1.10%
G-10	60000 PSI	Cryo-250° F	500	0.02%
HTG-3 (600° F Short time)	60000 PSI	450° F	600	0.15%
TexMica	43500 PSI	932° F	513	0.50%
Minlon*	4500 PSI	300°F	450	0.90%

\* Minlon molded combination (sleeve and washer) are not recommended for flange ratings above ANSI 150# and should not be used in critical applications. above ANSI 150# and should not be used in critical applications.

\* G-10 insulating washers are recommended for flange ratings 600# and above.

All technical advice and recommendation are rendered by Seller free of charge. While based on data believed to be reliable, seller assumes no responsibility. While based on data believed to be reliable, seller assumes no responsibility.