

Gasket Sleeve & Dimensions

Type E and F Gasket Materials	Max temp.	Dielectric V/mil	Water Absorption
Aramid Fiber (Green Sheet)	750° F	300	-
JMRD 940 (Red Devil)	600° F	500	-
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
Manville 940 (Red Devil)	600° F	500	-
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.
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* 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.
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