

COMPRESSED NON-ASBESTOS GASKETS

450

Synthetic Fiber Gasket

Chesterton 450 Synthetic Fiber Sheet is a low-temperature, non-asbestos sheet gasketing material suitable for general services to 200°C (390°F), 25 bar (365 psi). Chesterton 450 is recommended for use in water, gas, brine, and steam applications.

Note: Not recommended for use in chlorinated hydrocarbons, aromatic and ester ketones.

Technical Data

Applications	Recommended for use in water, gas, brine, and steam applications Not recommended for use in chlorinated hydrocarbons, aromatic, and ester ketones
Pressure Limit	25 bar g (365 psig)
Compressibility (ASTM F36)	7 – 17%
Creep relaxation (ASTM F38)	20% maximum
Temperature Limit	200°C (390°F)
Recovery (ASTM F36)	40% minimum tensile strength across grain (ASTM-F152) 110 bar g (1600 psig) P x T = 4,375 (°C x bar g) P x T = 125,000 (°F x psig)
Color	Green

450 Ordering Information

Thickness		Dimensions		Reorder Number
mm	Inch	M	Inch	
0,4	1/64	1,52 x 1,52	60 x 60	003050
0,8	1/32	1,52 x 1,52	60 x 60	003051
1,6	1/16	1,52 x 1,52	60 x 60	003052
2,4	3/32	1,52 x 1,52	60 x 60	003053
3,2	1/8	1,52 x 1,52	60 x 60	003054



- Low-temperature service
- General service