

COMPRESSED NON-ASBESTOS GASKETS

455

Aramid Fiber Gasket

Chesterton 455 Aramid Fiber/Nitrile Binder, non-asbestos sheet is a general purpose sheet gasket material offering good sealability and chemical resistance. 455 incorporates synthetic fiber with a nitrile binder, and can be used against water, salt solutions, organic alkali aliphatic and aromatic hydrocarbons, alcohols, ester, oils and gases up to 300°C (575°F). 455 is not recommended for use in chlorinated hydrocarbons, aromatic and ester ketones.

Technical Data

Applications	Recommended for water, salt solutions, organic alkali aliphatic and aromatic hydrocarbons, alcohols, ester, oils and gases up to 300°C (575°F) Not recommended for use in chlorinated hydrocarbons and aromatic
Pressure Limit	50 bar g (735 psig)
Compressibility (ASTM F36)	7 – 17%
Creep relaxation (ASTM F38)	25% maximum
Tensile strength across grain (ASTM F152)	100 bar g (1500 psig)
Temperature Limit	300°C (575°F)
Recovery (ASTM F36)	50% minimum
Color	Light Red

455 Ordering Information

Thickness		Dimensions		Reorder Number
mm	Inch	M	Inch	
0,4	1/64	1,52 x 1,52	60 x 60	003630
0,8	1/32	1,52 x 1,52	60 x 60	003631
1,6	1/16	1,52 x 1,52	60 x 60	003632
2,4	3/32	1,52 x 1,52	60 x 60	003633
3,2	1/8	1,52 x 1,52	60 x 60	003634
3,2	1/8	1,52 x 4,56	60 x 180	003643
1,6	1/16	1,52 x 4,56	60 x 180	003644



- Good chemical resistance
- Aramid fiber/Nitrile binder material
- General purpose sheet gasket material offering good sealability