

## PRODUCT 455 ARAMID FIBER/NITRILE BINDER

A general purpose sheet gasketing material offering good sealability and chemical resistance. Product 455 incorporates a synthetic fiber and a nitrile binder.

This material can be used against water, salt solutions, organic alkali aliphatic and aromatic hydrocarbons, alcohols, ester, oils, and gases up to temperatures 700°F (375°C). Not recommended for use in chlorinated hydrocarbons, aromatic and ester ketones.

### TYPICAL PROPERTIES

Maximum Service Temperature - 700°F (375°C)

Maximum Continuous Operating Temperature – 575°F (300°C)

Maximum Service Pressure - 1500 psi (100 bar)

Maximum Continuous Operating Pressure – 735 psi (50 bar)

Compressibility (ASTM-F36) - 15%

Recovery (ASTM-F36) - 40%

PxT = 350,000 (°F x psi)

PxT = 12,810 (°C x bar)

Thickness		Dimensions		AWC Item #
Inches	MM	Inches	M	
1/64	0,4	60 x 60	1,52 x 1,52	003630
1/32	0,8	60 x 60	1,52 x 1,52	003631
1/16	1,6	60 x 60	1,52 x 1,52	003632
3/32	2,4	60 x 60	1,52 x 1,52	003633
1/8	3,2	60 x 60	1,52 x 1,52	003634