

Material Profile: Superior® 498

Superior 498 is a high temperature, low compression set compound specifically developed for applications where temperatures exceed 300°C. Superior 498 also has excellent long-term resistance to strong, oxidizing acids. Competitive high temperature FFKMs *DO NOT* have long-term resistance to strong, oxidizing acids.

Features and Benefits

- High temperature resistant to 320°C
- Low compression set
- Excellent resistance to a broad range of chemicals

- Excellent long-term Nitric acid resistance

- Down-stream cleaning with acids and strong oxidizers
- High temperature etching

Equipment Locations

- Chemical containers, especially strong acids
- High temperature fittings and chambers
- Fittings and valves



Black Perfluoroelastomer
Service Temperature Range: 21° to 610°F

Typical Physical Properties

Color	Black
Hardness, Shore A	75
Tensile Strength, psi (MPa)	2700 (18.6)
Elongation	160%
Compression Set: 70 hrs. at 230°C	23%
Service, ° Temperature Range C (°F)	-6 to 320 (21 to 610)

The information contained herein is believed to be reliable, but no representation, guarantees or warranties of any kind are made to its accuracy or suitability for any purpose. The information presented herein is based on laboratory testing and does not necessarily indicate end product performance. Full scale testing and end product performance are the responsibility of the user.