

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 330°C
- Low compression set
- Excellent resistance to a broad range of chemicals
- Excellent long-term Nitric acid resistance

Recommended Processes

- 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)

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