

# FF156-75

Excellent Compression Set Resistance  
with Broad Chemical Compatibility



## Extend Seal Life with FF156:

Parker's ULTRA™ FF156 delivers long seal life and reduces cost of ownership for end-users. With excellent chemical resistance and high temperature stability (up to 527°F), FF156 can withstand exposure to the most aggressive environments across a wide range of industries.

Reducing the frequency of seal maintenance and keeping equipment up and running is imperative in today's operations. FF156 offers excellent resilience giving it a significant advantage for users pressing for longer seal life. Along with its superior compression set resistance, FF156 exhibits



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## Product Features:

- 75 Shore A Hardness
- Broad Chemical Resistance
- Maximum Operating Temperature Up To 527°F
- Excellent Compression Set Resistance for Longer Seal Life
- Cost Effective Sealing Solution
- Available in O-Rings, Molded Shapes, Extruded and Spliced Geometries



ENGINEERING YOUR SUCCESS.

Property	Test Method	FF156-75 Test Results
Original physical properties	Test Method	Test Results
Hardness, shore A, pts.	ASTM D2240	76
Tensile strength, psi	ASTM D1414	1500
Ultimate Elongation, %	ASTM D1414	160
Modulus @ 100% elongation, psi	ASTM D1414	1150
Specific gravity	ASTM D297	1.87
Low temperature retraction, ASTM D1329		
TR-10, °C		-6
Compression set, ASTM D395 Method B		
70 hrs. @ 392°F (200°C), % of original deflection		10
70 hrs. @ 446°F (230°C), % of original deflection		12
70 hrs. @ 482°F (250°C), % of original deflection		13
70 hrs. @ 500°F (260°C), % of original deflection		20
Fluid immersion steam, UPDI Steam, 70 hrs. @500°F (121°C), ASTM D471		
Hardness change, pts.		-1
Volume change, %		+3
Fluid immersion, ethylene diamine, 70 hrs. @ 194°F (90°C), ASTM D471		
Hardness change, pts.		-3
Volume change, %		+6

resistance to aggressive media including acids, amines, hot water, ketones, aldehydes, esters, ethers, aromatics, and many more.



Test Method used ASTM D395 Method B

Parker's FF156 compound exhibits outstanding compression set resistance versus the competition's industry leading chemical resistant perfluoroelastomers (FFKM).

