



TFE/P



Standard Compounds for Machined Seal

TFE/P provide excellent chemical, high temperature, and steam resistance. TFE/P rubber, Aflas® fluoropolymer materials provide dependable sealing performance in water, steam, bases, and caustic environments resulting in common use in the oil exploration and drilling industry.

Compound	---	S24 F60			
Features	---	---			
Color	---	Black			
Hardness ISO 868	Shore A	85			
Minimum Temperature	°F	23			
Maximum Temperature	°F	392			
Modulus @ 100% DIN 53504	psi	≥ 580			
Tensile Strenght DIN 53504	psi	≥ 870			
Elongation @ Break DIN 53504	%	≥ 200			
Tear Strenght DIN ISO 34-1	lbf/inch	≥ 35			



TFE/P



Standard Compounds for Machined Seal

Compound	---	S24 F60			
Specific Gravity ISO 1183	g/cm ³	1.73			
Rebound Elasticity DIN 53512	%	10			
Abrasion DIN 53516	mm ²	230			
Compression Set ISO 815 24h 158 °F 25% def	%	≤ 40			
Compression Set ISO 815 24h 212 °F 25% def	%	---			
Compression Set ISO 815 24h 302 °F 25% def	%	≤ 30			

TEST DATA ONLY - DO NOT USE FOR SPECIFICATION

Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or the accuracy of this information or the suitability of our products in any specific application. Users of our products should make their own tests to determine the suitability of each such product for their particular purposes. The products discussed are sold without warranty, either expressed or implied, and buyer assumes all responsibility for loss or damage arising from the handling and use of our products, whether done in accordance with directions or not. Also, statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent.