



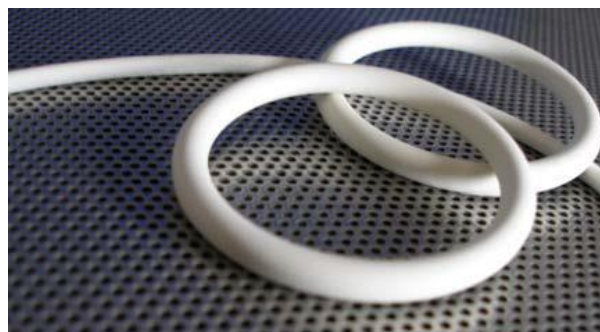
MARKEZ® Z1318 PERFLUOROELASTOMER

FDA, USP CLASS VI AND SANITARY 3-A

TECHNICAL DATASHEET

KEY ATTRIBUTES

Markez Z1318 was specifically developed to handle a wide range of active pharmaceutical ingredients (API's) and aggressive cleansing agents, being especially suited to withstand steam-in-place (SIP) and cleans-in-place (CIP) procedures within pipes and vessels. This compound is also suitable for use in Water-For-Injection (WFI) systems.



FEATURES AND BENEFITS

- FDA Compliance
- USP Class VI <86 & 87> compliant
- Sanitary 3-A 18-03 Class 1 compliant
- Excellent resistance to a wide range of chemicals
- High physical properties
- Excellent steam resistance (ASME BPE 2000)
- Free from animal derived Ingredients

APPLICATIONS

- Pharmaceutical
- Bio-analytical
- Food processing application

TYPICAL PHYSICAL PROPERTIES

Property	ASTM	Value
Material Type	FFKM	
Color		White
Durometer, Shore A	D1415	72
Tensile Strength MPa (psi)	D412	17.4 (2,500)
Elongation at break (%)	D412	166
Modulus @ 100% MPa (psi)		9.9 (1,425)
Compression Set: 72 hrs @ 200o C (392° F)	D395	25%
Minimum Operating Temperature		-15° C (+5° F)
Maximum Operating Temperature		+260° C (+500° F)

Date: 2016-7-1

This information is to the best of our knowledge accurate and reliable. However, Marco Rubber makes no warranty, expressed or implied, that parts manufactured from this material will perform satisfactorily in the customer's application. It's the customer's responsibility to evaluate parts prior to use.

Markez® is a Registered Trade name of Marco Rubber