



## Marco Compound # T1022

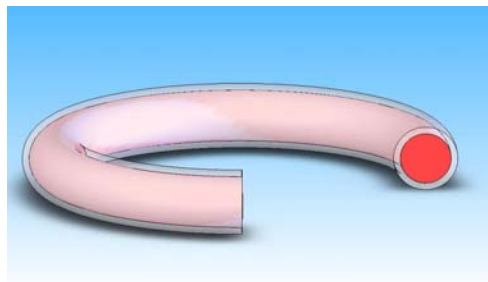
### Encapsulated O-Ring PFA/Silicone

#### General Description:

Silicone core encapsulated with PFA (perfluoroalkoxy) tubing.

#### PFA Features:

- FDA compliant to 21CFR177.1550 and 21CFR177.2600
- Meets 3-A sanitary standards and USP Class VI
- Excellent heat and chemical resistance
- Excellent resistance to oxygen, ozone and sunlight
- Resistance to fungal and biological attack
- Good electrical insulation



#### Silicone Features:

- FDA compliant 21CFR177.2600 and USP Class VI
- Excellent heat resistance
- Excellent resistance to oxygen, ozone and sunlight
- Resistance to fungal and biological attack
- Good electrical insulation

#### Limitations:

- Not recommended for dynamic application

#### Service Temperature:

-75 to 400° F (-60 to 205° C)

PFA PROPERTIES	UNITS	Typical Test Results
Tensile Strength Per ASTM D1708	psi	3500
Specific Gravity Per ASTM D792		2.15
Ultimate Elongation Per ASTM D1708	%	310
Coefficient of Friction, Dynamic		0.2
Compressive Strength per ASTM D695	psi	2200
Hardness Per ASTM D2240	Shore D	55
Impact strength Per ASTM D695	ft-lb/in	No break
Flexural Modulus Per ASTM D790	GPa	0.65
Deformation Under Load Per ASTM D621	%	1
Water Absorption Per ASTM D570	%	<.03
Melting Temperature	F	590

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.

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<b>SILICONE CORE PROPERTIES</b> <b>ASTM test slab .075". Peroxide press cured 10 mins @ 250F</b>	<b>UNITS</b>	<b>Typical Test Results</b>
Color		Red
Durometer	Shore A	70 +/- 5
Tensile Strength Per ASTM D412	psi	900 min.
Specific Gravity Per ASTM D297		1.37 – 1.43
Ultimate Elongation Per ASTM D412	%	150 Min.

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