

MARKEZ® Z2004 is our FDA compliant, USP VI, black FFKM compound. Used as a cost-effective alternative to Kalrez 6375 and Chemraz 505 in countless applications across various industries where resistance to harsh solvents and steam resistance is required.

ABOUT MARKEZ® #Z2004

MARKEZ® Z2004 features competitive pricing, an extremely broad range of chemical resistance, and resistance to high temperature steam. Available in O-rings and custom shapes. Our experienced application engineers welcome the opportunity to assist you in selecting the compound that provides the best value for your application.

APPLICATION EXAMPLES

- FDA Compliant
- USP VI (87 & 88)
- Nearly universal chemical compatibility
- Cost Effective
- Good dynamic properties
- High purity
- Suitable for Steam-In-Place (SIP) Cleaning
- Suitable for Ozonated Deionized Water
- Suitable for Water for Injection (WFI) Systems

APPLICATION EXAMPLES

- Food Handling
- Pharmaceutical
- Connectors, Controls & Filters

ADDITIONAL INFORMATION

- Service Temperature of 5° to 428°F
- Compatible with steam < 300°F
- Compatible with amines < 200°F
- Spec: ASTM

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

PHYSICAL PROPERTIES

ORIGINAL PROPERTIES	ASTM Method	Typical Test Results
Color		Black
Material Type	FFKM	FFKM
Hardness, Shore A	D2240	75
100% Modulus, MPa (psi)		6.4 (928)
Tensile Strength, MPa (psi)	D412	13.1 (1,899)
Elongation at Break, %	D412	150
Compression Set: 72 hrs. @ 150°C (302°F)		0.2
Min Operating Temp (lower spikes)		-15°C (5°F)
Max Operating Temp (higher spikes)		220°C (428°F)