

MARKEZ® Z1404 offers almost universal chemical compatibility for use in semiconductor, Oil and Gas and general chemical applications. 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.

ABOUT MARKEZ® #Z1404

MARKEZ® Z1404 is a general purpose, black, perfluoroelastomer. The material is designed to perform well in oil & gas equipment, semiconductor applications, and abrasive chemical environments.

APPLICATION EXAMPLES

- Almost universal chemical compatibility
- Low compression set
- Enhanced temperature resistance
- Long service life
- High elongation

APPLICATION EXAMPLES

- Chemical industry
- Oil and gas equipment
- Semiconductor Applications
 - Metal CVD & PECVD, RCA clean, Wet Etch, Strip, CMP, Litho/Track, ECP

ADDITIONAL INFORMATION

- Service Temperature of -4° to 500°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	
Hardness: (°IRHD)	D1415	80
Tensile Strength MPa (PSI)	D412	13.82 (1,990)
Elongation at Break	D412	1.35
Compression Set, 72 hrs. @ 200°C (392°F)	D395	0.14
Linear Coefficient °F Thermal Expansion (1/°C)		3.5×10^{-4}
Minimum Operating Temperature		-20°C (-4°F)
Maximum Operating Temperature		260°C (500°F)