



## MARKEZ® Z1404 PERFLUOROELASTOMER

### TECHNICAL DATASHEET

#### GENERAL PURPOSE BLACK PERFLUOROELASTOMER

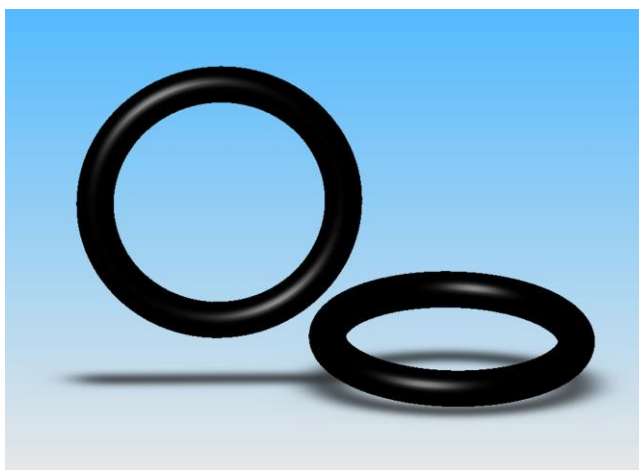
This compound offers an almost universal chemical compatibility for use in semiconductor, Oil and Gas and general chemical applications.

#### FEATURES AND BENEFITS

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

#### APPLICATIONS

- Chemical industry
- Oil and gas equipment  
(Compatible with acids and amines)
- Semiconductor Applications
  - RCA clean
  - Wet etch
  - Strip
  - CMP
  - Litho/Track
  - ECP
  - Metal CVD, PECVD



#### TYPICAL PHYSICAL PROPERTIES

PROPERTIES	ASTM	VALUE
Color		Black
Material Type	FFKM	
Hardness: (°IRHD)	D1415	80
	D2240	
Tensile Strength MPa (PSI)	D412	13.82 (1,990)
Elongation at Break	D412	135%
Compression Set 72 hrs. @ 200°C (392 °F)	D395	14%
Linear Coefficient of Thermal Expansion (1/°C)		$3.5 \times 10^{-4}$
Minimum Operating Temperature		-20 °C (-4 °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.

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