

MARKEZ® Z1322 PERFLUOROELASTOMER

TECHNICAL DATASHEET

LOW TEMPERATURE EXPLOSIVE DECOMPRESSION RESISTANT PERFLUOROELASTOMER

Markez Z1322 is very low temperature perfluoroelastomer specifically developed for the Oil and Gas industry with excellent chemical compatibility, temperature resistance and Explosive Decompression Resistance.



FEATURES AND BENEFITS

- Excellent Explosive Decompression Resistance.
- Tested to NORSOK M710
- Sour gas tested per API-6A
- Very low temperature capabilities
- Exceptional resistance to methanol, sour gas, hot water steams and oils.
- High sealing efficiency

APPLICATIONS

- Exploration and drilling equipment
- Chemical industry
- Subsea valves and pumps
- Compressors
- Harsh chemical environments

TYPICAL PHYSICAL PROPERTIES

Property	ASTM	Value
Material Type	FFKM	
Color		Black
Durometer, Shore A	D1415	90
Tensile Strength MPa (psi)	D412	18.0 (2,600)
Elongation at break (%)	D412	115
Specific Gravity	D297	1.91
Compression Set: 70 hrs @ 200° C (392° F)	D395	21%
Minimum Operating Temperature		-46° C (-51° F)
Maximum Operating Temperature		+240° C (+464° F)

REV 1 JULY 2026. This information is to the best of our knowledge accurate and reliable. However, Marco Sealing 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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