



Marco Compound # V1161 Peroxide Cured White Fluoroelastomer Technical Datasheet

General Description:

V1161 is a peroxide cured, FDA and USP Class VI compliant fluoroelastomer (FKM) developed to withstand steam-in-place (SIP) and clean-in-place (CIP) procedures within pipe work and vessels.

Features:

- Steam resistant up to 200°C
- Suitable for steam-in-place (SIP) and clean-in-place (CIP)
- Excellent resistance to acids, fuels, mineral oils, greases, aliphatic, aromatic and chlorinated hydrocarbons, non-flammable hydraulic fluids (HFD) and many organic solvents and chemicals.

Applications:

- Hygienic sealing in pharmaceutical, bio-analytical and food processing equipment
- O-rings
- Gaskets
- Custom molded parts

Cure System

Peroxide

Material Type

Terpolymer FKM

Service Temperature:

-15 to 400° F

PHYSICAL PROPERTIES

ORIGINAL PROPERTIES	ASTM	Typical Test Results
Hardness, Shore A	D1415	70
Color		White
Tensile Strength, MPa (psi)	D412	15.8 (2,275)
Ultimate Elongation, %		100
Compression Set, 22 hrs @392° F @25% deflection, % of original deflection	D395B	12
Modulus at 100% elongation, MPa (psi)		6.0 (865)