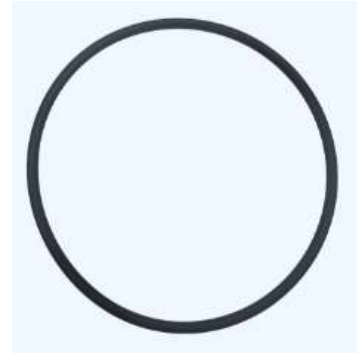


# F-1944



**UniPol F-1944** is a terpolymer FKM product with improved physical and chemical properties compared to normal FKM.

It exhibits excellent compression set and abrasion resistance and is well suited for both static and dynamic sealing applications. It shows good resistance to low plasma environment and is able for use in oil, fuel, solvent, and alcohol.



## Superior performance, cost effectiveness

- Offer total solutions of sealings
- Lower contamination
- Longer life span
- Safe & Easier installation

## Typical Physical Properties

Color	Black
Tensile Strength (Mpa)	21
Elongation at Break (%)	230
100% Modulus (Mpa)	8.8
Shore A Hardness	78
Compression Set @ 70hr at 204°C (%)	16
Max Temperature (°C)	220

## Features & Benefits

- ❖ Low out-gassing
- ❖ Excellent physical properties
- ❖ Cost competitiveness

## Applications

- ❖ Door Seals
- ❖ Lid seals
- ❖ Slit valves
- ❖ CMP parts
- ❖ Windows seals
- ❖ KF fitting seals
- ❖ Isolator valves

## Recommend Process Application

- ❖ Metallization (PVD, Sputtering)
- ❖ Dry Etch
- ❖ Deposition
- ❖ CMP
- ❖ Dry ashing



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