

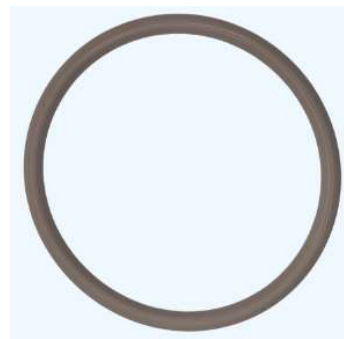
DL-540



Perfluoroelastomer (FFKM)

UniPol DL-540 is an upgraded version of perfluoroelastomer targeted specially for lower particle generation. It exhibits outstanding thermal stability, excellent performance in Dry Etch, HDPCVD, SACVD, Wet- Etching, Ashing, etc.

DL-540 has excellent elastic recovery and is well-suited for both static and dynamic sealing applications. (Chamber lid, Gas line, Bonded slit valve, Shower head seal, etc.) A maximum continuous service temperature of 320°C is suggested.



Superior performance, cost effectiveness

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

Features & Benefits

- ❖ Lowest particle generation
- ❖ Good physical properties
- ❖ Minimal contamination
- ❖ High temperature resistance

Applications

- ❖ Door Seals
- ❖ RPS Seals
- ❖ End-effector pads
- ❖ Chamber Lid Seals
- ❖ Slit Valves
- ❖ Isolator Valves

Recommend Process Application

- ❖ CVD
- ❖ Wet Chemical process
- ❖ Dry Etching
- ❖ Metallization (PVD, Sputtering)

Typical Physical Properties

Color	Brown
Tensile Strength (Mpa)	15.2
Elongation at Break (%)	240
100% Modulus (Mpa)	4.2
Shore A Hardness, (+- 3)	70
Compression Set @ 70hr at 204°C (%)	16
Max Temperature (°C)	320



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