



OLD REX ICE

FFKM

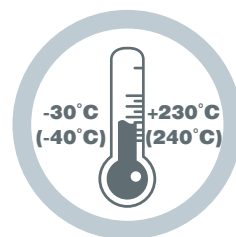
Black perfluoroelastomer rubber with outstanding chemical resistance and low temperature applications.

RGD approval according to **Norsok M710**.

Sealing capability down to -40°C.



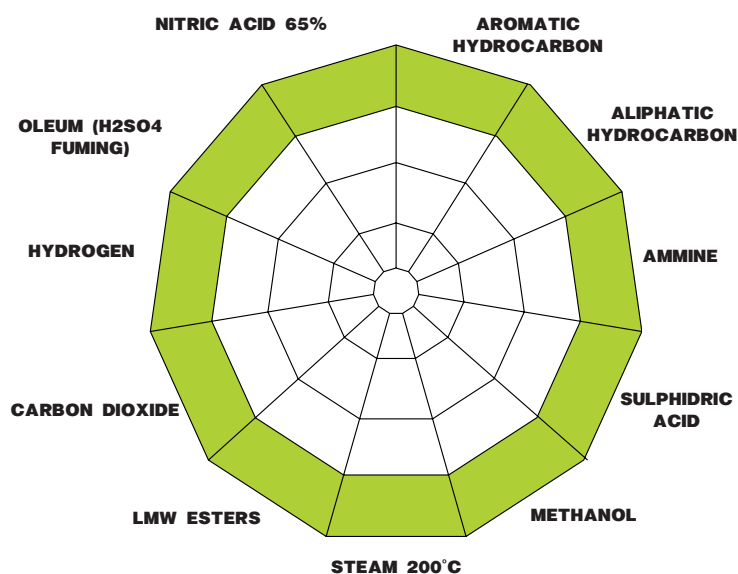
CH₄/CO₂ 90/10%;
150Bar; 100°C,
8 cikli; 5,33mm



**TEMPERATURE
RANGE**

CHEMICAL RESISTANCE CHART

■ Swelling temperature at 23°C
 ■ From 10% to 30%
 ■ From 30% to 50%
 ■ Up to 50% (not recommended)



TYPICAL PROPERTIES

| HARDNESS ShA | TENSILE STRENGTH Mpa | ELONGATION AT BREAK % | COMPRESSION SET 72h 200°C % |
|-----------------|-------------------------|--------------------------|--------------------------------|
| ISO 7619 | ISO 37 | ISO 37 | D1414 (D395) |
| 90/95 | 12 | 110 | 23 |

Oldrati is an international Group among the most important in the production of rubber, plastic and silicone technical goods. Founded in Bergamo in 1964, Oldrati is present in Italy and internationally with 11 production sites, around 1700 employees and a turnover of 180 million euro.

Sustainability and technological innovation are the main assets of the company's strategy, customer satisfaction is achieved through increasing internationalization, R&D and services. Oldrati's specialization in the Oil & Gas field led the Group to achieve prestigious qualifications.

OIL & GAS APPROVED COMPOUNDS PORTFOLIO

| NOMEN- CLATURE | OLDRATI NAME | POLYMER DESCRIPTION | SPECIFICATION APPROVAL |
|-------------------|------------------------|--|--|
| FFKM | OLD REX ICE | Black perfluoroelastomer rubber with outstanding chemical resistance and low temperature applications. | NORSOK M710 rev3 (ISO 23936-2) |
| | OLD REX P495N | Black perfluoroelastomer rubber with outstanding chemical resistance | NORSOK M710 rev3 (ISO 23936-2) |
| FKM | OLD EDLT 90NL | Black fluorocarbon rubber peroxide cured with excellent chemicals resistance and low temperature properties. certified according to two different RGD specification with different condition.It's also tested with sour gas and according to API 6A annex F with positive results. | NORSOK M710 rev3 (ISO 23936-2) |
| | | | SAUDI ARAMCO 06-SamSS-001 ED. 2013 |
| | OLD EDG 90N | Black fluorocarbon rubber peroxide cured for low temperature application | NORSOK M710 rev3 (ISO 23936-2) |
| | OLD EDG 95N | Black fluorocarbon rubber peroxide cured for low temperature application | NORSOK M710 rev3 (ISO 23936-2) |
| | | | TOTAL GS PVV142 03/01 REV.00 |
| | OLD EDG 98N | Black fluorocarbon rubber peroxide cured for low temperature application | NORSOK M710 rev3 (ISO 23936-2) |
| | OLD EDFP 95NA | Black fluorocarbon rubber peroxide cured with improved chemical resistance | SAUDI ARAMCO 06-SamSS-001 ED. 2013 |
| | OLD EDFP 95N | Black fluorocarbon rubber peroxide cured with improved chemical resistance | TOTAL GS PVV 142 03/01 Rev.00 |
| | OLD EDB 95N | Black fluorocarbon rubber bisphenolic cured with improved chemical resistance | NORSOK M710 rev2 |
| | OLD EDA 95N | Black fluorocarbon rubber bisphenolic cured | NORSOK M710 rev2 |
| FEPM | OLD EDAF 90N | Black fluorocarbon rubber peroxide cured specifically designed in ammine service | NORSOK M710 rev2 |
| HNBR | OLD NHP ICE 90 | Black hydrogenated nitrile butadiene rubber peroxide cured for low temperature application | NORSOK M710 rev3 (ISO 23936-2) |
| | OLD EDNHP 90N | Black hydrogenated nitrile butadiene rubber peroxide cured with good chemical resistance | NORSOK M710 rev2 |
| | | | TOTAL GS PVV142 03/01 REV.00 |
| | OLD ULTRA ED90N | Black hydrogenated nitrile butadiene rubber peroxide cured with improved RGD performance at high pressure | TOTAL GS PVV154 REV00 |