

NOVELAST®

Perfluoroelastomer of Excellence by INTERSEAL

FFKM documentation





NOVELAST®

FFKM by excellence.

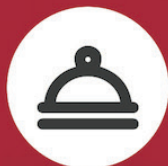
Novelast® is a perfluoroelastomer created by Interseal. It combines the elasticity of a fluoroelastomer (FKM) with the chemical resistance of polytetrafluoroethylene (PTFE), providing real solution to the most demanding sealing applications.

Depending on the formulation some grades of Novelast® can resist against temperature up to +300°C and down to -40°C, in color White, Black, Translucent, or other, and in accordance to FDA 21 CFR 177.2400, CE1935/2004, USP Class VI, 3A sanitary ...

OUR BUSINESS



CHEMISTRY



FOOD



OIL AND GAS



PHARMA



SEMI-CONDUCTOR



CHEMISTRY & PETROCHEMICALS INDUSTRY

GRADE	COLOR	HARDNESS	MAIN CHARACTERISTICS	USING T (C°)	NORM(S)
3205	WHITE	70	High chemical resistance.	-10°C + 230°C (+260°C / 3000h)	-
3202	BLACK	75	Upper chemical resistance grade. Developed for very demanding sealing. Hot amines and steam resistant.	-10°C + 230°C (+260°C / 3000h)	FDA CE1935/2004 3A
3106	BLACK	75	High chemical resistance particularly to oilfield fluid media. Very low temperature capability.	-40°C + 230°C (+260°C / 3000h)	-
3704	BLACK	75	General use for high temperature and excellent steam resistance.	-5°C + 300°C (+325°C / 1000h)	-
3705	BLACK	90	High temperature and excellent steam resistance. Developed for AED application.	-10°C + 300°C (+330°C / 1000h)	Norsok
3111	BLACK	90	Low temperature capability and AED resistant.	-40°C + 230°C (+260°C / 3000h)	Norsok
3208	BLACK	90	Very high chemical resistance, explosive decompression resistant Norsok M-710 tested.	-10°C + 230°C (+260°C / 3000h)	Norsok

FOOD & PHARMACEUTICAL INDUSTRY




GRADE	COLOR	HARDNESS	MAIN CHARACTERISTICS	USING T (C°)	NORM(S)
3404	WHITE	70	Extractable study according the norm USP Class VI 70°C. In accordance with 21 CFR 177.2400 requirements.	-10°C + 230°C (+260°C / 3000h)	FDA CE1935/2004 USP Class VI
3152	BLACK	75	Broad chemical resistance. In accordance with FDA 21 CFR 177.2400 and CE1935/2004.	-30°C + 200°C (+220°C / 1000h)	FDA CE1935/2004 3A
3153	WHITE	75	Outstanding resistance to aggressive media. In accordance with FDA 21 CFR 177.2400 and CE1935/2004.	-30°C + 200°C (+220°C / 1000h)	FDA CE1935/2004 3A
3527	BLACK	75	Excellent compression set and long term performance. High chemical resistance.	-5°C + 275°C (+290°C / 1000h)	FDA USP Class VI
3421	BLACK	80	Outstanding resistance to aggressive media. In accordance with FDA 21 CFR 177.2600.	-10°C + 230°C (+260°C / 1000h)	FDA

GENERAL USE

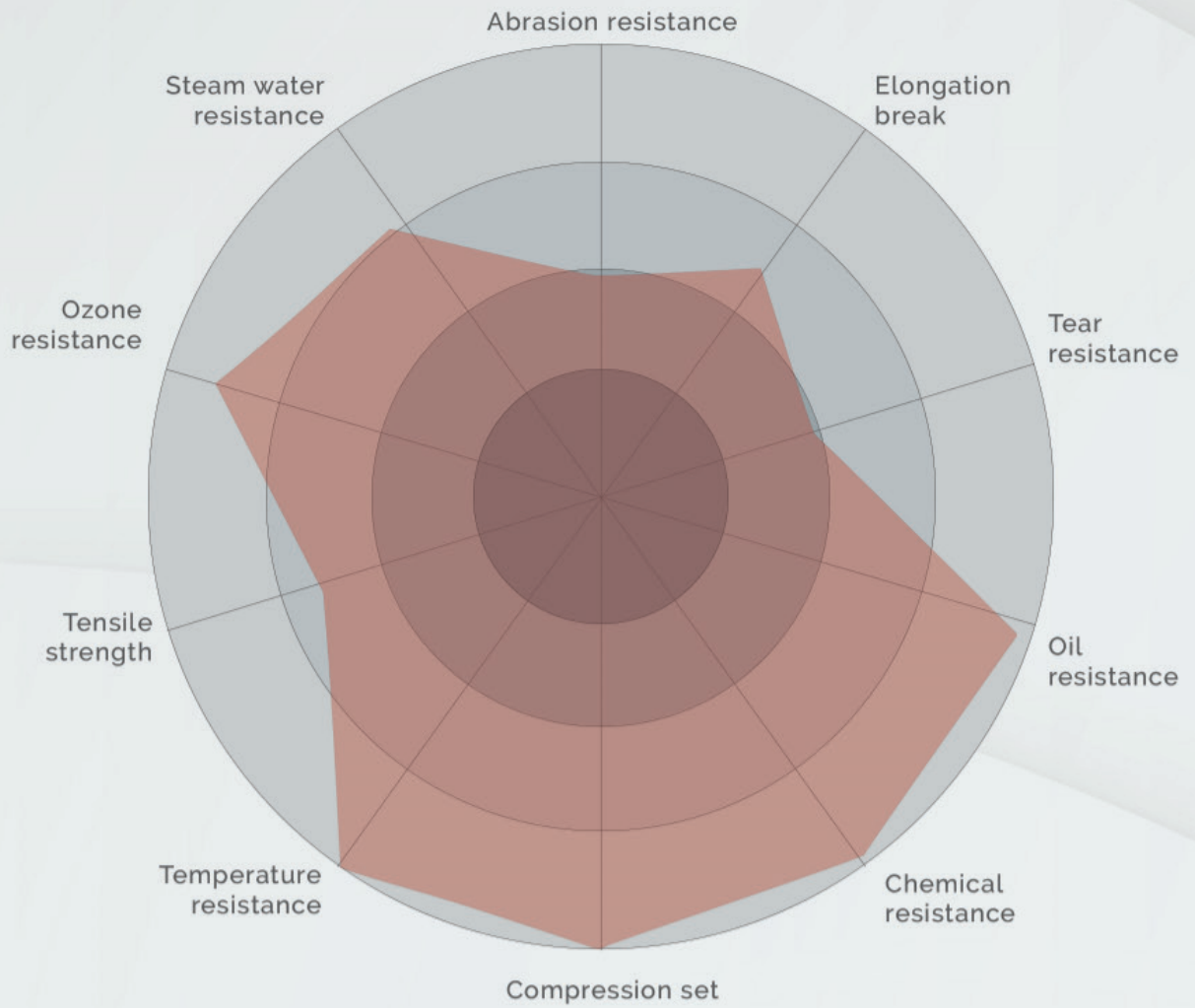
GRADE	COLOR	HARDNESS	MAIN CHARACTERISTICS	USING T (C°)	NORM(S)
3525	BLACK	60	Universal chemical resistance.	-10°C + 230°C (+260°C / 3000h)	-
3401	BLACK	70	Outstanding resistance to aggressive media.	-10°C + 230°C (+260°C / 3000h)	-
3526	BLACK	75	Optimized Novelast® formulation for the largest range of application. Economic grade.	-5°C + 230°C (+260°C / 1000h)	-
3403	BLACK	80	General purpose.	-10°C + 230°C (+260°C / 3000h)	-

SEMICONDUCTOR INDUSTRY

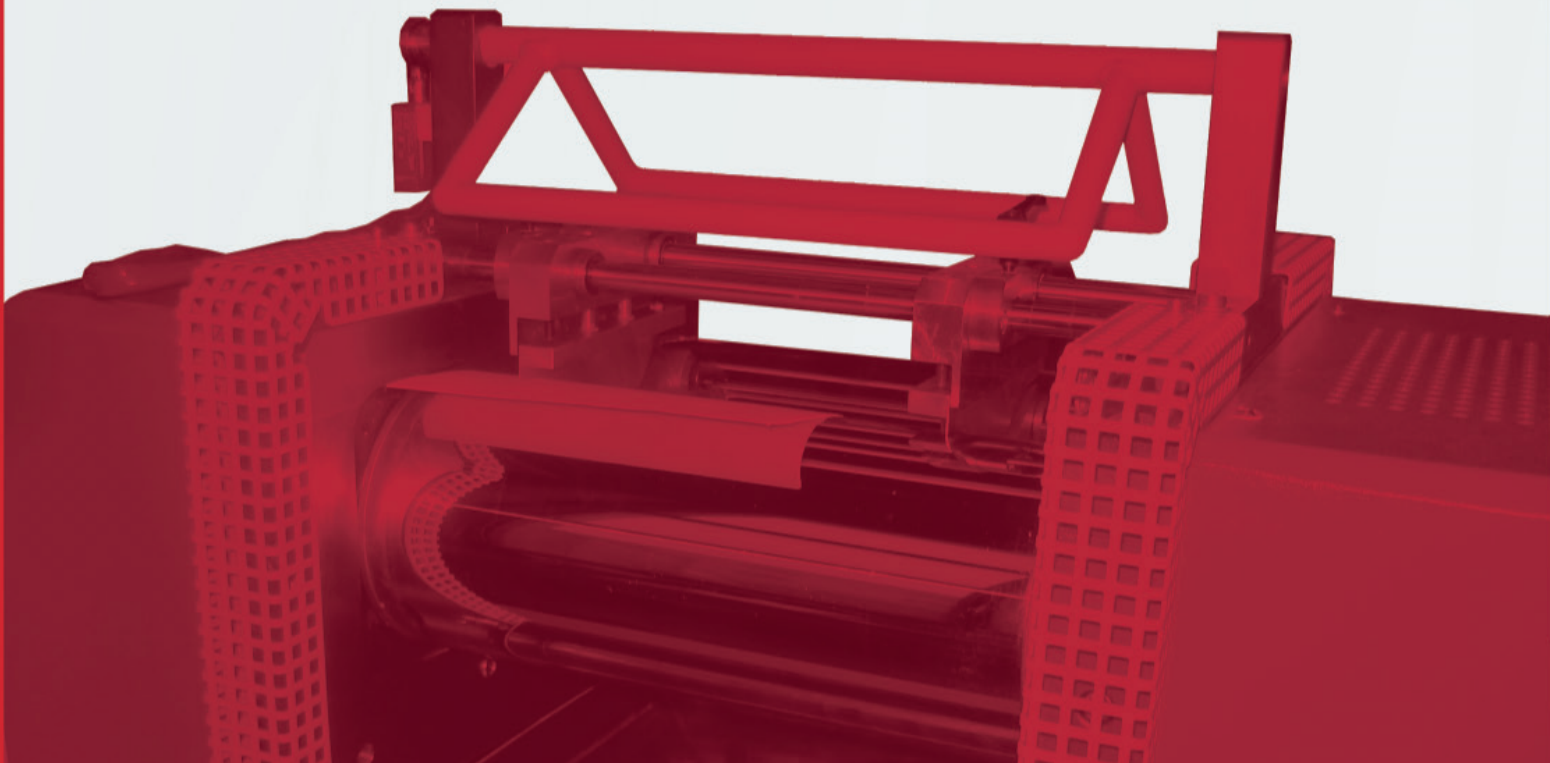
GRADE	COLOR	HARDNESS	MAIN CHARACTERISTICS	USING T (C°)	NORM(S)
3503	TRANSLUCENT AMBER	75	Suitable for all semiconductor industry process.	-10°C + 275°C (+290°C / 1000h)	-
3718	LIGHT GREY	80	High upper temperature limit with broad chemical resistance. High purity.	-5°C + 300°C (+320°C / 1000h)	-

 We have other compound available in stock.
 The advantage of INTERSEAL : we can create
 new compound for your specific applications.

NOVELAST FFKM



● Very bad ● Bad ● Good ● Very good



DY**N**AFLON
VO**L**UM
DYN**A**THAN
RO**T**OSLIDE
NYL**T**EC

RUBB**E**RSLIDE
RESINOT**E**X
ASE**P**T-RING
TE**C**RING
VAR**I**OSLIDE
OG-L**A**ST
VAR**I**OCH**E**M
DUO**S**LIDE
NOV**E**L**A**ST



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