

NOVELAST® but not least
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, 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)
3106	BLACK	75	High chemical resistance particularly to oilfield fluid media. Very low temperature capability.	-40°C / +230°C (+260°C / 1000h)	-
3202	BLACK	75	Upper chemical resistance grade. Developed for very demanding sealing. Hot amines and steam resistant.	-10°C / +230°C (+260°C / 1000h)	FDA CE1935/2004 3A
3704	BLACK	75	General use for high temperature. Excellent steam resistance.	-10°C / +300°C (+330°C / 1000h)	-
3111	BLACK	90	High chemical resistance and low temperature capability. Explosive decompression resistant.	-45°C / +250°C (+260°C / 3000h)	Norsok
3208	BLACK	90	Very high chemical resistance. Explosive decompression resistant.	-10°C / +230°C (+260°C / 3000h)	Norsok
3705	BLACK	90	General use for high temperature. Excellent steam resistance. Developed for AED application.	-10°C / +300°C (+330°C / 1000h)	Norsok

FOOD & PHARMACEUTICAL INDUSTRY

GRADE	COLOR	HARDNESS	MAIN CHARACTERISTICS	USING T (C°)	NORM(S)
3404	WHITE	70	Outstanding resistance to aggressive media. Developed for food and pharmaceutical automated CIP and SIP systems.	-10°C / +230°C (+260°C / 1000h)	FDA CE1935/2004 USP Class VI
3152	BLACK	70	* Unavailable for the moment *	-30°C / +230°C	FDA CE1935/2004 3A
3351	BLACK	75	Novelast® 3351 : our new FFKM compound. A revolution ! Amazing compression set.	-5°C / +230°C (+260°C / 1000h)	FDA CE1935/2004 USP Class VI

 Premium grades

GENERAL USE

GRADE	COLOR	HARDNESS	MAIN CHARACTERISTICS	USING T (C°)	NORM(S)
3525	BLACK	60	Outstanding resistance to aggressive media. Developed for demanding sealing.	-10°C / +230°C (+260°C / 1000h)	-
3351	BLACK	75	Novelast® 3351 : our new FFKM compound. A revolution ! Amazing compression set.	-5°C / +230°C (+260°C / 1000h)	FDA CE1935/2004 USP Class VI
3416	BLACK	90	Outstanding resistance to aggressive media.	-10°C / +230°C (+260°C / 1000h)	-

SEMICONDUCTOR INDUSTRY

GRADE	COLOR	HARDNESS	MAIN CHARACTERISTICS	USING T (C°)	NORM(S)
3718	Light grey	65	High upper temperature limit with broad chemical resistance.	-10°C / +300°C (+330°C / 3000h)	-
3503	Translucent brown	75	Good mechanical properties and high purity. Extremely low outgassing properties.	-10°C / +275°C (+290°C / 1000h)	-
3723	Light grey	80	High upper temperature limit with broad chemical resistance.	-10°C / +300°C (+330°C / 3000h)	-

 Premium grades



We have other compound available in stock.

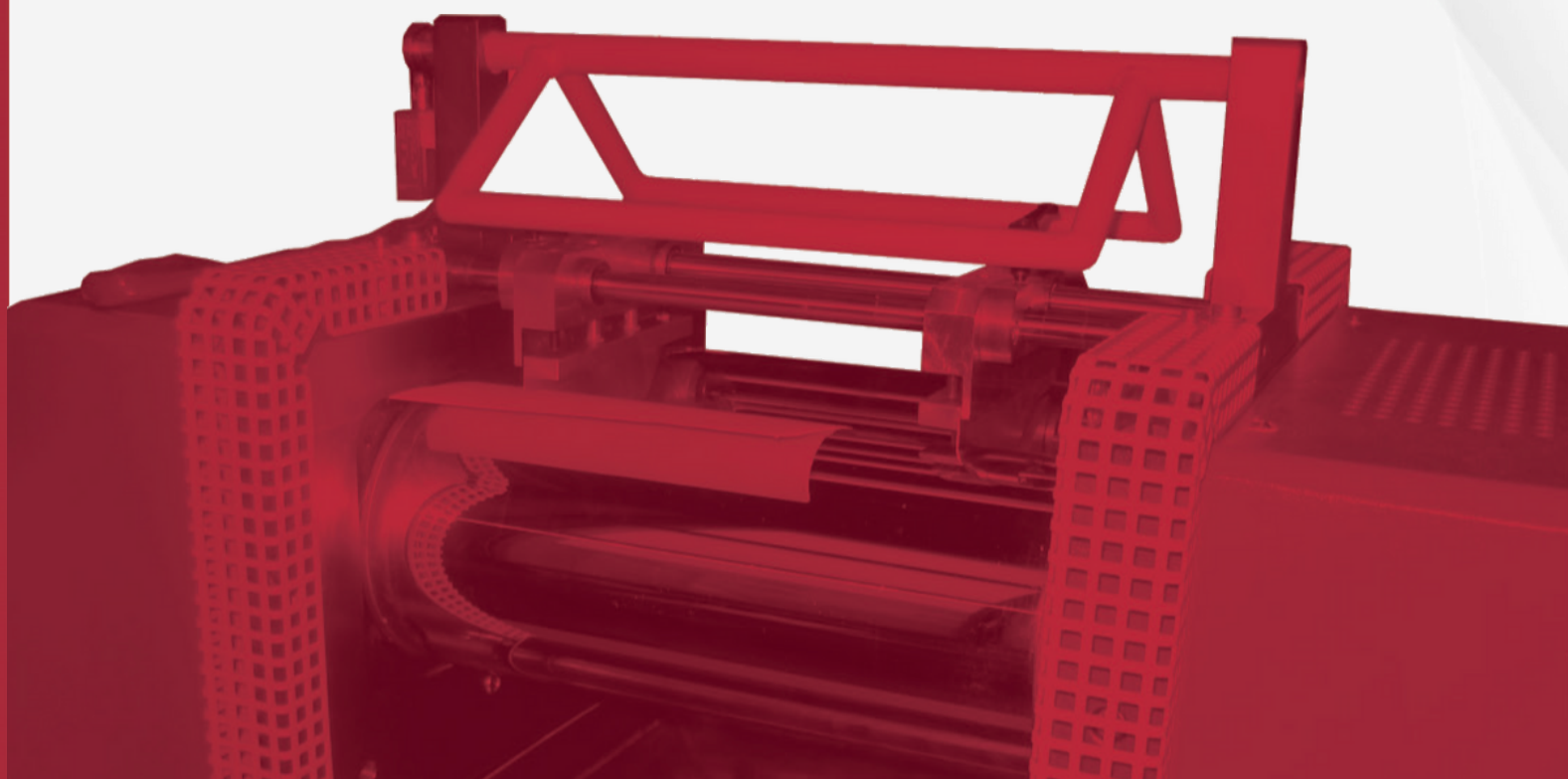
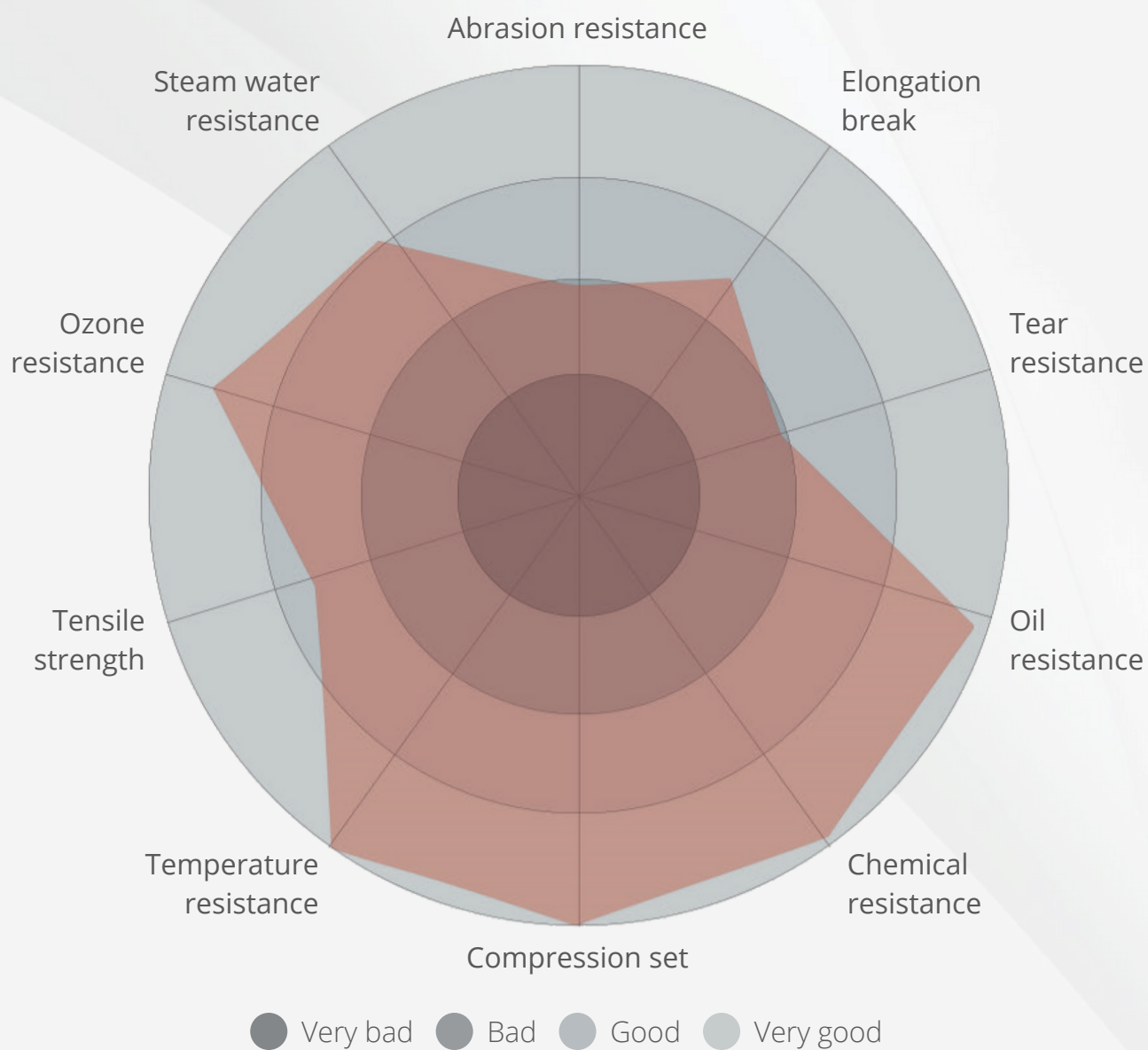
The advantage of INTERSEAL : we can create new compound for your specific applications.

DELAY TABLE ONLY FOR PREMIUM COMPOUND*

Internal diameter	Quantity (Nb. of pieces)				
	< 20	21 - 100	101 - 250	> 250	
< 50 mm	12 days	15 days	20 days	20/25 days	Availability of emergency service
51 - 200 mm	15 days	20 days	25 days	20/25 days	
201 - 300 mm	20 days	25 days	25/30 days	On demand	
> 301 mm	On demand	On demand	On demand	On demand	

* indicative time frame. Please contact the technical department for a precise estimate.

NOVELAST® FFKM



DY**N**AFLON
VO**L**UM
DYN**A**THAN
RO**T**OSLIDE
NYLT**E**C

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



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