



## Materials | Neuflon PTFE and Polyurethanes

ptfe and polyurethanes for rotary seals, energized and composite seals and lip seals

**Click compound's code to download the .PDF data sheet.**

**Registration is required.**

HD Slippers code	Composition	Color	Approvals	ΔT °C	Description
<a href="#">N-020</a>	Virgin PTFE	white	<b>FDA</b>	-200 +260	All purpose, low friction coefficient, extrusion withstanding.
<a href="#">N-009</a>	Ptfe-oxides	blue		-200 +260	All purpose on soft surfaces
<a href="#">N-095</a>	Tfm	white	<b>FDA</b>	-200 +260	Low creep, better strength.
<a href="#">N-031</a>	Ptfe-bronze	green-blue		-200 +260	High wear resistance, hidraulic seals
<a href="#">N-032</a>	Ptfe-carbon	black		-200 +260	High wear resistance, pneumatic and hydraulic seals
<a href="#">N-059</a>	Ptfe-carbographite	black		-200 +260	High wear resistance, hydraulic and pneumatic seals, hard surfaces
<a href="#">N-043</a>	Ptfe-graphite	black	<b>FDA</b>	-200 +260	High wear resistance, low friction coefficient.
<a href="#">N-103</a>	Ptfe-carbon fibre	black	<b>FDA</b>	-200 +260	High wear resistance, low friction coefficient, hard surfaces.
<a href="#">N-077</a>	Ptfe-glass fibre-MoS <sub>2</sub>	gray	<b>FDA</b>	-200 +260	Of general use, in lubricated applications, rotary seals
<a href="#">N-277</a>	Ptfe-mineral filler + Lubricants	blue-gray		-200 +260	Of general use, hydraulics and pneumatics
<a href="#">N-060</a>	Ptfe-glass fibre	blue	<b>FDA</b>	-200 +260	All purpose on hard surfaces
<a href="#">N-279</a>	Ptfe-glass fibre	light pink	<b>FDA-EU-KTW</b>	-200 + 260	Food & Pharma on hard surfaces
<a href="#">N-102</a>	Ptfe-Liquid crystal polymer	beige	<b>FDA - EU</b>	-200 +260	Food & Pharma on soft surfaces
<a href="#">N-088</a>	Ptfe-poliimide	yellow	<b>FDA</b>	-200 +260	High wear resistance. Soft surfaces
<a href="#">N-148</a>	PEEK	beige	<b>FDA</b>	-60 +250	High modulus, high temperatures
<a href="#">N-074</a>	PEHMW	white	<b>FDA</b>	-140 +80	High wear and extrusion resistance
<a href="#">N-155</a>	PVDF	white	<b>FDA</b>	-30 +140	High modulus, chemical resitence
<a href="#">N-136</a>	POM	white	<b>FDA</b>	-40 +110	High modulus material, backup rings, guide rings
<a href="#">N-138</a>	Poliamide	black		-40 +110	High modulus material, backup rings, guide rings, ice scraper
<a href="#">P90-V258</a>	Polyurethane	green		-30 +115	Pneumatic applications
<a href="#">P95-A252</a>	Polyurethane	blue	<b>FDA</b>	-50 +105	Extrusion and wear withstanding, low friction coefficient
<a href="#">P95-VI251</a>	Polyurethane	violet	<b>FDA</b>	-30 +115	CIP (clean in place) fluids compatible
<a href="#">P95-R198</a>	Polyurethane	red		-30 +125	Extrusion and wear withstanding, low friction coefficient, high temperatures
<a href="#">P95-AR255</a>	Polyurethane	orange		-30 +135	Extrusion and wear withstanding, low friction coefficient, higher temperatures
<a href="#">P95-G253</a>	Polyurethane MoS	gray		-30 +105	Extrusion and wear withstanding, lower friction coefficient
<a href="#">P57-A260</a>	Hard Polyurethane	blue	<b>FDA-EU</b>	-30 +125	Extrusion and wear withstanding
<a href="#">P95-G261</a>	Hard	gray		-30 +125	Extrusion and wear withstanding, lower friction



Polyurethane MoS

coefficient

**CHOOSING Neuflon-ptfe compound ACCORDING WITH FLUID AND SURFACE**

**SURFACES**

Steel HEC>=30-45  
Temp. Mart. Inox Steel  
Cast Iron HRB<=200  
Steel HRC>=45  
Cast Iron HRB>200

Galvanic or chemical  
surfacing HV>=700  
Chromium Bronze

Bronze  
Brass

Treated  
Aluminium

Aust. Inox Steel  
Glass

**FLUIDS**

**NEUFLON-ptfe compounds (standard in bold)**

Hydraulic oil  
Transmission oil  
Fire resistant  
syntetic hydraulic  
oil

**N-031**  
N-032 N-060 N-077  
P95-A112

**N-031**  
N-032 N-060 N-077  
P95-A112

**N-009**  
N-043 N-032  
P95-A112

**N-032** N-074  
P95-A112

**N-009**  
N-032 N-074  
N-121 P95-A112

Water and  
oil/water  
emulsions

**N-032**  
N-060 N-077 N-074

**N-032**  
N-060 N-077 N-074

**N-009**  
N-043 N-074

**N-032**  
N-074

**N-009**  
N-032 N-074

Drugs and food

**N-125**  
N-102 N-020 N-043  
N-060 N-074 N-088 N-095  
P95-B113

**N-009**  
N-074 P95-B113

**N-102**  
N-009 P95-B113

**N-009**  
N-074  
P95-B113

**N-009**  
N-074 P95-B113

Air

**N-032**  
N-031 N-043 N-074  
P95-A112

**N-032**  
N-043 P95-A112

**N-032**  
N-009  
N-043 N-074  
P95-A112

**N-032**  
N-074  
P95-A112

**N-032**  
N-009 N-043  
N-074 P95-A112

Steam

**N-032**  
N-043

**N-032**

**N-009**  
N-032 N-043

**N-032**  
N-009 N-043

Acids and Bases

**N-032**  
N-059 N-144

**N-032**  
N-043 N-074

**N-009**  
N-032 N-043  
N-074

**APPLICATION / NEUFLON ptfe COMPOUND**

<b>ENERSEAL</b>	<b>N-009</b> N-031 N-032 N-101 N-043 N-060 N-074 N-121
<b>ROTOENERSEAL</b>	<b>N-009</b> N-101 N-032 N-043 N-060 N-077 N-074 N-121
<b>BACKUP</b>	<b>N-009</b> N-020 N-032 N-060 N-067
<b>WEAR RING</b>	<b>N-071</b> N-032 N-074
<b>WIPER NRS</b>	<b>N-031</b> N-032 N-043 N-060 N-009 N-074 P95-A112 P95-B113
<b>ICE SCRAPER</b>	<b>N-138</b> N-136
<b>ROTOLIP</b>	<b>N-077</b> N-101 N-121
<b>ROTOSLIPPER</b>	<b>N-077</b> N-032 N-060 N-031 N-121
<b>SLIPPER</b>	<b>N-031</b> N-032 N-043 N-060 N-009 N074 P95-A112 P95-B113

**ENERSEAL ENERGIZED SEALS and SLIPPER, SPRING AND ELASTOMER ACCORDING WITH FLUID**

FLUIDS	ELASTOMERS	SPRING
HYDRAULIC OIL - TRANSMISSION OIL	NBR	AISI 302
FIRE RESISTANT SYNTETIC HYDRAULIC OIL	EPDM	AISI 302
WATER AND WATER/OIL EMULSIONS	NBR	AISI 302
FOOD AND DRUG	MVQ	AISI 302



AIR	NBR	AISI 302
STEAM	EPDM - FFKM	AISI 302
ACIDS AND BASES	FKM - FFKM	ELGILOY