



PUMP DIAPHRAGM SELECTION GUIDE

R = RUBBER
T = THERMOPLASTICS
F = FLUOR

NEOPRENE™ (CR) **R**

- Excellent for non-corrosive abrasive applications.
- Identification: Dull Black Rubber with no color dot
- Available in pump range: DP-10 - NDP-80



Diaphragm Material	Code	Material temp Min °C - Max °C	Process temp Min °C - Max °C
Neoprene (CR)	C	-20 - 82	0 - 70

BUNA-N (NBR) **R**

- Excellent for petroleum based fluids.
- Identification: Black Rubber with a red or pink dot
- Available in pump range: DP-10 - NDP-80 + G15 - G50



Diaphragm Material	Code	Material temp Min °C - Max °C	Process temp Min °C - Max °C
Buna-N (NBR)	N	-20 - 82	0 - 70

NORDEL® (EPDM) **R**

- Excellent for low temperatures, caustics and some acids.
- FDA Compliant EPDM Material (must be specified).
- Identification: Black Rubber with green dot
- Available in pump range: DP-10 - NDP-80



Diaphragm Material	Code	Material temp Min °C - Max °C	Process temp Min °C - Max °C
Nordel™ (EPDM)	E	-20 - 100	0 - 80

VITON® (FKM) **R**

- Excellent for aggressive fluids and high temperature applications.
- Identification: Black Rubber with silver or blue dot
- Available in pump range: DP-10 - NDP-80



Diaphragm Material	Code	Material temp Min °C - Max °C	Process temp Min °C - Max °C
Viton® (FKM)	V	-5 - 105	0 - 100





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HYTREL® (TPEE) **T**

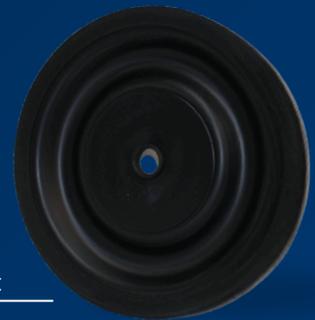
- Excellent general-purpose diaphragm for non-corrosive abrasive applications and high-flex life.
- FDA Compliant TPEE Material (must be specified).
- Identification: Tan/Cream Thermoplastic
- Available in pump range: DP-10 - NDP-80 + G15 - G50



Diaphragm Material	Code	Material temp Min °C - Max °C	Process temp Min °C - Max °C
Hytrel® (TPEE)	H	-30 - 82	0 - 80

SANTOPRENE® (TPO) **T**

- Excellent for acids or caustics with a very high flex life.
- Identification: Black Thermoplastic
- Available in pump range: DP-10 - NDP-80 + G15 - G50



Diaphragm Material	Code	Material temp Min °C - Max °C	Process temp Min °C - Max °C
Santoprene® (TPO)	S	-20 - 100	0 - 100

TEFLON® (PTFE) **F**

- Excellent choice for pumping **highly aggressive fluids**, including solvents.
- Identification: White Thermoplastic
- Available in pump range: NDP-5 - NDP-80 + G15-G50



Diaphragm Material	Code	Material temp Min °C - Max °C	Process temp Min °C - Max °C
Teflon® (PTFE)	T	0 - 100	0 - 100

TU = PTFE/EPDM **F**

The TU diaphragm has a rod connection only at the air side and an easy to clean liquid surface. This means no ink or paint residue will accumulate behind bolts, center disks etc. which prevents color contamination. Available in the pump range NDP-15 until NDP-80.



Diaphragm Material	Code	Material temp Min °C - Max °C	Process temp Min °C - Max °C
Ultimate Teflon® (TU®)	TU®	-10 - 90	0 - 90

