

PTFE/EPDM Overmolded Diaphragms



Heavy-Duty Overmolded Diaphragms for Process and Sanitary Applications



Increase your plant's efficiency with Graco's overmolded diaphragms.

Our diaphragms can be used with most chemicals and are ideal for a wide range of pumping tasks.

- Overmolded design improves wear and diaphragm life with no exposed diaphragm plate on the fluid side
- Longer diaphragm life in more abrasive applications that still require PTFE
- Available for Graco Sanitary and Industrial diaphragm pumps – 515, 1040, 1050, 1590, 2150 and 3150

PROVEN QUALITY. LEADING TECHNOLOGY.

Industrial Pumps with PTFE/EPDM Overmolded Diaphragms

Pump Part No.	Pump Size	Air Motor	Fluid Section	Seats	Balls	Threads
24N093	0.5 in	Poly	Poly	Poly	PTFE	NPT
24N094	0.5 in	Poly	Poly	Poly	PTFE	BSPT
24N095	0.5 in	Poly	PVDF	PVDF	PTFE	NPT
24N096	0.5 in	Poly	Acetal	Acetal	PTFE	NPT
24N097	0.5 in	Poly	Acetal	SST	SST	NPT
24N098	0.5 in	Poly	Acetal	Acetal	PTFE	BSPT
24N257	0.75 in	Poly	AL	Acetal	PTFE	NPT
24N258	0.75 in	Poly	AL	SST	PTFE	NPT
24N259	0.75 in	Poly	AL	SST	SST	NPT
24N260	0.75 in	Poly	SST	Acetal	PTFE	NPT
24N261	0.75 in	Poly	SST	SST	PTFE	NPT
24N262	0.75 in	Poly	SST	SST	SST	NPT
649020	1.0 in	Poly	Poly	SST	PTFE	Center Flange
649007	1.0 in	Poly	Poly	Poly	PTFE	Center Flange
649385	1.0 in	Poly	PVDF	PVDF	PTFE	Center Flange
647022	1.0 in	AL	AL	SST	SST	NPT
647032	1.0 in	AL	AL	SST	PTFE	NPT
649007	1.0 in	Poly	Poly	Poly	PTFE	Center Flange
649035	1.0 in	Poly	Poly	Poly	PTFE	End Flange
649399	1.0 in	Poly	PVDF	PVDF	PTFE	End Flange
651005	1.0 in	AL	SST	SST	SST	NPT
651011	1.0 in	AL	SST	SST	PTFE	NPT
651034	1.0 in	AL	SST	SST	PTFE	BSPT
651163	1.0 in	Poly	SST	SST	PTFE	NPT
24B781	1.5 in	AL	SST	SST	PTFE	NPT
24B761	1.5 in	AL	Poly	SST	PTFE	End Flange
24B760	1.5 in	AL	Poly	Poly	PTFE	End Flange
24B832	1.5 in	AL	PVDF	PVDF	PTFE	End Flange
24B780	1.5 in	SST	SST	SST	PTFE	NPT
24B759	1.5 in	SST	Poly	Poly	PTFE	End Flange
24B758	1.5 in	SST	PVDF	PVDF	PTFE	End Flange
24G411	1.5 in	AL	AL	SST	PTFE	BSPT
24J358	1.5 in	AL	AL	SST	PTFE	NPT
24J359	1.5 in	AL	AL	SST	Acetal	NPT
24B801	2.0 in	AL	SST	SST	PTFE	NPT
24B782	2.0 in	AL	AL	SST	PTFE	NPT
24B765	2.0 in	AL	Poly	SST	PTFE	End Flange
24B764	2.0 in	AL	Poly	Poly	PTFE	End Flange
24B833	2.0 in	AL	PVDF	PVDF	PTFE	End Flange
24B783	2.0 in	SST	SST	SST	PTFE	NPT
24B763	2.0 in	SST	Poly	Poly	PTFE	End Flange
24B762	2.0 in	SST	PVDF	PVDF	PTFE	End Flange
24J360	2.0 in	AL	AL	SST	Acetal	NPT
24G413	2.0 in	AL	AL	SST	PTFE	BSPT

*Popular models only. Refer to 300435 for additional part numbers.

FDA-Compliant Pumps with PTFE/EPDM Overmolded Diaphragms

Pump Part No.	Pump Size	Inlet/Outlet Size	Air Motor	Fluid Section	Seats	Balls	O-Rings
FD5113	0.5 in	1.0 in	SST	SST	SST	PTFE	PTFE
FD5613	0.5 in	1.0 in	SST	SST	SST	PTFE	EPDM
FD1113	1.0 in	1.5 in	SST	SST	SST	PTFE	PTFE
FD1213	1.0 in	1.5 in	SST	SST	SST	PTFE	EPDM
FD2113	1.5 in	2.0 in	SST	SST	SST	PTFE	PTFE
FD2213	1.5 in	2.0 in	SST	SST	SST	PTFE	EPDM
FD3113	2.0 in	2.5 in	SST	SST	SST	PTFE	PTFE
FD3213	2.0 in	2.5 in	SST	SST	SST	PTFE	EPDM
FD3133	2.0 in	2.5 in	SST	SST	SST	NEO/ SST	PTFE

High Sanitation Pumps with PTFE/EPDM Overmolded Diaphragms

Pump Part No.	Pump Size	Inlet/Outlet Size	Air Motor	Fluid Section	Seats	Balls
1590 High Sanitation Pump						
SABA13*	1.5 in	2.0 in	SST	SST	SST	PTFE
SBBA13	1.5 in	2.0 in	SST	SST	SST	PTFE
3150 High Sanitation Pump						
SA13A1	2.0 in	1.5 in	SST	SST	SST	PTFE
SA23A1	2.0 in	2.0 in	SST	SST	SST	PTFE
SA33A1	2.0 in	3.0 in	SST	SST	SST	PTFE
SA3361	2.0 in	3.0 in	SST	SST	SST	Santoprene
SA53A1	2.0 in	3.0 in x 2.0 in	SST	SST	SST	PTFE
SA43A1	2.0 in	4.0 in	SST	SST	SST	PTFE

*Includes leak detector

High Sanitation and Industrial Upgrade Kits*

Part No.	Description
24N321	Upgrade kit for 0.5 in (1.27 cm) and 0.75 in (1.905 cm) pump
289224	Upgrade kit for 1.0 in (2.54 cm) pump
289225	Upgrade kit for 1.5 in (3.81 cm) pump
289226	Upgrade kit for 2.0 in (5.08 cm) pump

*Includes new air side diaphragm plate

Technical Specifications

Material/Construction:

FDA-Compliant PTFE on wetted side
FDA-Compliant EPDM on air side

Safety:

Complies to FDA21CFR 177.1550 (PTFE)
and FDA21CFR 177.2600 (EPDM)

Temperature Range:

4°C to 82°C (40°F to 180°F)

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Graco is certified ISO 9001.

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