



1" Heavy Duty Bolted Solids Handling Pump

- Suitable for clean fluids, slurries or up to 3/4" solids
- All-PÜR® FDA Elastomers and Electropassivated Stainless Available
- Heavy duty air valve
- Available in metallic or non metallic wetted components
- Muffler included

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Part No.	Fluid Chambers	Diaphragms	Valve/Ball	Valve Seats	O-Rings	Connection Type
AB-10-M4	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	Geolast® Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	Nitrile Max-Pass® Max-Pass® valve made from Nitrile rubber.	N/A Not applicable.	Nitrile General purpose elastomer used on water and most non synthetic oils.	NPT FDA accepted Viton.
AE-10-M5	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	Santoprene® Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	EPDM Max-Pass® Max-Pass® valve made from EPDM rubber.	N/A Not applicable.	EPDM General purpose elastomer with good resistance to many acids and bases.	NPT FDA accepted Viton.
AV-10-M40	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	Viton® Elastomer with good chemical resistance to a wide variety of chemicals.	Viton® Max-Pass® Max-Pass® valve made from Viton® rubber.	N/A Not applicable.	Viton® Elastomer with good chemical resistance to a wide variety of chemicals.	NPT FDA accepted Viton.
KE-10-M5	PVDF Polyvinylidene Fluoride suitable in applications requiring the highest purity, strength, and resistance to solvents, acids, bases.	Santoprene® Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	EPDM Max-Pass® Max-Pass® valve made from EPDM rubber.	N/A Not applicable.	EPDM General purpose elastomer with good resistance to many acids and bases.	ANSI / DIN Flange
KV-10-M40	PVDF Polyvinylidene Fluoride suitable in applications requiring the highest purity, strength, and resistance to solvents, acids, bases.	Viton® Elastomer with good chemical resistance to a wide variety of chemicals.	Viton® Max-Pass® Max-Pass® valve made from Viton® rubber.	N/A	Viton®	ANSI / DIN Flange
PB-10-	Polypropylene A non-metallic material, suitable for	Geolast® Injection molded thermoplastic material with	Nitrile Max-Pass® Max-	N/A	Nitrile	ANSI / DIN

Part No.	Fluid Chambers	Diaphragms	Valve/Ball	Valve Seats	O-Rings	Connection Type
M4	water, caustics, soap solutions, mild acids and general purpose applications.	characteristics similar to Nitrile. Has excellent abrasion resistance.	Pass® valve made from Nitrile rubber.			Flange
PE-10-M5	Polypropylene	Santoprene® Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	EPDM Max-Pass®	N/A Not applicable.	EPDM	ANSI / DIN Flange
PV-10-M40	Polypropylene	Viton® Elastomer with good chemical resistance to a wide variety of chemicals.	Viton® Max-Pass®	N/A Not applicable.	Viton®	ANSI / DIN Flange
SB-10-M4	316 SS Corrosion Resistant Steel, suitable for nitric acid, chlorinated solvents, caustics and marine applications.	Geolast® Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	Nitrile Max-Pass® Max-Pass® valve made from Nitrile rubber.	N/A Not applicable.	Nitrile	NPT
SB-10-M40-X44	Electropolished and Passivated 316 SS	FDA Hytrel® FDA accepted Hytrel®.	FDA Viton® Max-Pass® Max-Pass® valve made from FDA accepted Viton®.	N/A Not applicable.	FDA Nitrile FDA accepted Nitrile.	1 1/2" Tri-Clamp
SE-10-M5-X44	Electropolished and Passivated 316 SS	FDA Santoprene® FDA accepted Santoprene®.	FDA Viton® Max-Pass®	N/A	FDA EPDM FDA accepted EPDM.	1 1/2" Tri-Clamp
SE-10-M5	316 SS	Santoprene® Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	EPDM Max-Pass®	N/A Not applicable.	EPDM	NPT FDA accepted Viton.
SP-10-M40-X44	Electropolished and Passivated 316 SS	FDA PTFE	FDA Viton® Max-Pass®	N/A	Viton®	1 1/2" Tri-Clamp
SV-10-M40	316 SS	Viton® Elastomer with good chemical resistance to a wide variety of chemicals.	Viton® Max-Pass®	N/A	Viton®	NPT