










An Ingersoll Rand Business

MP Pumps Pressure and Temperature Limitations

Product Group	Material	Pressure (psi)	Pump Temperature (°F), Min & Max	Elastomer Temperature (°F), Min & Max				
				NEOPRENE	BUNA-N	VITON	EPDM	TEFLON
	Aluminum	80	32 to 250	NEOPRENE -65 to 175°	BUNA-N -40 to 230°	VITON -20 to 400°	EPDM -65 to 300°	TEFLON -400 to 500°
	Bronze	80	32 to 250					
	Cast Iron	100	32 to 250					
	Ductile Iron	150	32 to 250 (EPDM) 32 to 300 (Viton)					
	Stain. Steel	150	32 to 250 (EPDM) 32 to 300 (Viton)					
	Bronze	100	32 to 250					
	Cast Iron	150	32 to 250					
	Ductile Iron	200	32 to 250 (EPDM) 32 to 300 (Viton)					
	Stain. Steel	150	32 to 250					
	Cast Iron	100	32 to 250					
		Cast Iron	150	32 to 250				
		Bronze	100	32 to 200				

	CHEMFLO 1 - 4	Stain. Steel	100	32 to 250 (EPDM) 32 to 300 (Viton)	NEOPRENE -65 to 175°	BUNA-N -40 to 230°	VITON -20 to 400°	EPDM -65 to 300°	TEFLON -400 to 500°
	CHEMFLO 5 - 9	Stain. Steel	250	32 to 250 (EPDM) 32 to 300 (Viton)					
	CFX	Stain. Steel	150	32 to 250					





	SERIES 30, 110, 130, 200	Cast Iron	100	32 to 250	NEOPRENE -65 to 175°	BUNA-N -40 to 230°	VITON -20 to 400°	EPDM -65 to 300°	TEFLON -400 to 500°
	SERIES 60, 80, 120, 180, 300, 700		150	32 to 250 (EPDM) 32 to 300 (Viton)					
	SERIES 30, 110, 130, 200	Bronze	80	32 to 220 (EPDM) 32 to 250 (Viton)					
	SERIES 80, 120		100	32 to 250					



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www.mppumps.com

		Product Group	Material	Pressure (psi)	Pump Temperature (°F), Min & Max	Elastomer Temperature (°F), Min & Max				
	PETROMAXX Self-Primer (P Series)	Cast Iron	100	32 to 200	NEOPRENE -65 to 175°	BUNA-N -40 to 230°	VITON -20 to 400°	EPDM N/A	TEFLON -400 to 500°	
		Ductile Iron	150	32 to 200						
	PETROMAXX End Suction (S Series)	Cast Iron	100	32 to 200						
		Ductile Iron	150	32 to 200						
	SBX	Aluminum	30	32 to 220	NEOPRENE -65 to 175°	BUNA-N -40 to 230°	VITON -20 to 400°	EPDM N/A	TEFLON N/A	
	ILX	Aluminum	30	32 to 220						
	MDX	Aluminum	30	32 to 220						
	HYDRASUB	Aluminum	N/A	32 to 220	NEOPRENE N/A	BUNA-N -40 to 230°	VITON N/A	EPDM N/A	TEFLON N/A	
	HTO	Cast Iron, Ductile Iron	See chart below		NEOPRENE N/A	BUNA-N N/A	VITON -20 to 400°	EPDM N/A	TEFLON N/A	
	HTW									

Pressure ratings are shown for the pressure containing materials. Internal materials do not affect pressure ratings. Mechanical seal options may change pressure limits. Please consult with factory.

Consult factory for higher ratings based upon application review.

