

# Reference Sheet

## Solution Temperature Maximum

*For Liquid Handling Components of  
LMI Metering Pumps Operating at 100 psi (6.9 Bar)*

Material	Example of Use	Temperature	
		°F	°C
PVDF (Carbon Fiber Reinforced)	Fittings and Pump Head	250*	121*
Polyprel	Seal Rings	250*	121*
Polypropylene	Fittings and Pump Head	170	77
Polyvinyl Chloride Rigid (PVC)	Fittings and Pump Head	140	60
Polyvinyl Chloride (Flexible Vinyl)	Suction Tubing	140	60
Polyethylene	Discharge Tubing	110	43
Acrylic	Pump Head	140	60
PTFE (Fluorofilm)	Liquifram™ and Seal Rings	250*	121*
Hypalon™	Diaphragm and Seal Rings	225	107
Viton™	Diaphragm and Seal Rings	225	107
Stainless Steel	Fittings and Pump Head	250*	121*
Flexiprene	Uni-Valve™ and Flapper	212	100
EPDM	Seal Rings	225	107
CPVC	Pipe, Corp Stop	180	82
BUNA-N	Gasket, Corp Stop	220	104

\* Limited by other pump components



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