



Thermo Scientific
Enviroflex L Series Peristaltic Hose Pumps



industrial
pump solutions

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Thermo Scientific Enviroflex L Series

Imagine an innovative pump and reinforced hose that offers:



Thermo Scientific™ Enviroflex™
L Series Hose Pump in closed position

Reduced power consumption: Operate pump at reduced horsepower and slower speed — simultaneously improving the life of the hose.

Increase productivity: Longer hose life minimizes down time— allowing you to focus on your goals.

Ease of serviceability: Easier access to internal components inside the pump.

Operator safety: Strategically placed hinge allows for easy access and minimizes the lifting of heavy parts.

Versatility: Meet your specific application needs with pump sizes ranging from 10mm to 150mm and precision ground reinforced hose is available in CSPE, EPDM, Natural Rubber and Nitrile.

Market Diversity and Application Flexibility

Applications	Markets					
	Food, Beverage & Brewery	Marine & Commercial Fishing	Mining & Construction	Municipal	Pulp, Paper & Wood Products	Utilities & Nuclear Power
Activated Sludges and Slurries			●	●	●	
Chemical Feed	●		●	●	●	●
Filtration / Diatomaceous Earth	●		●	●		●
Fish Processing	●	●				
Food Processing	●					
Grout / Wall Board Compounds					●	
On-Site Generated NaOCl Feed				●		●
Paper Coating					●	
Polymer Flocculent Feed			●	●		●
Silicone / Caulking Materials			●			
Scum Pumps / Oil and Water Waste Sumps			●	●	●	●
Tanker Offloading and Bilge Pumping		●				
Waste Slurry Transfer	●		●	●		●



An innovative pump designed with you in mind

Unique hinged door helps eliminate the risk of injury – enables one person to open the pump casing.

Internal hose connector means pipework is not required to be dismantled during hose replacement. Dramatically reduces downtime.

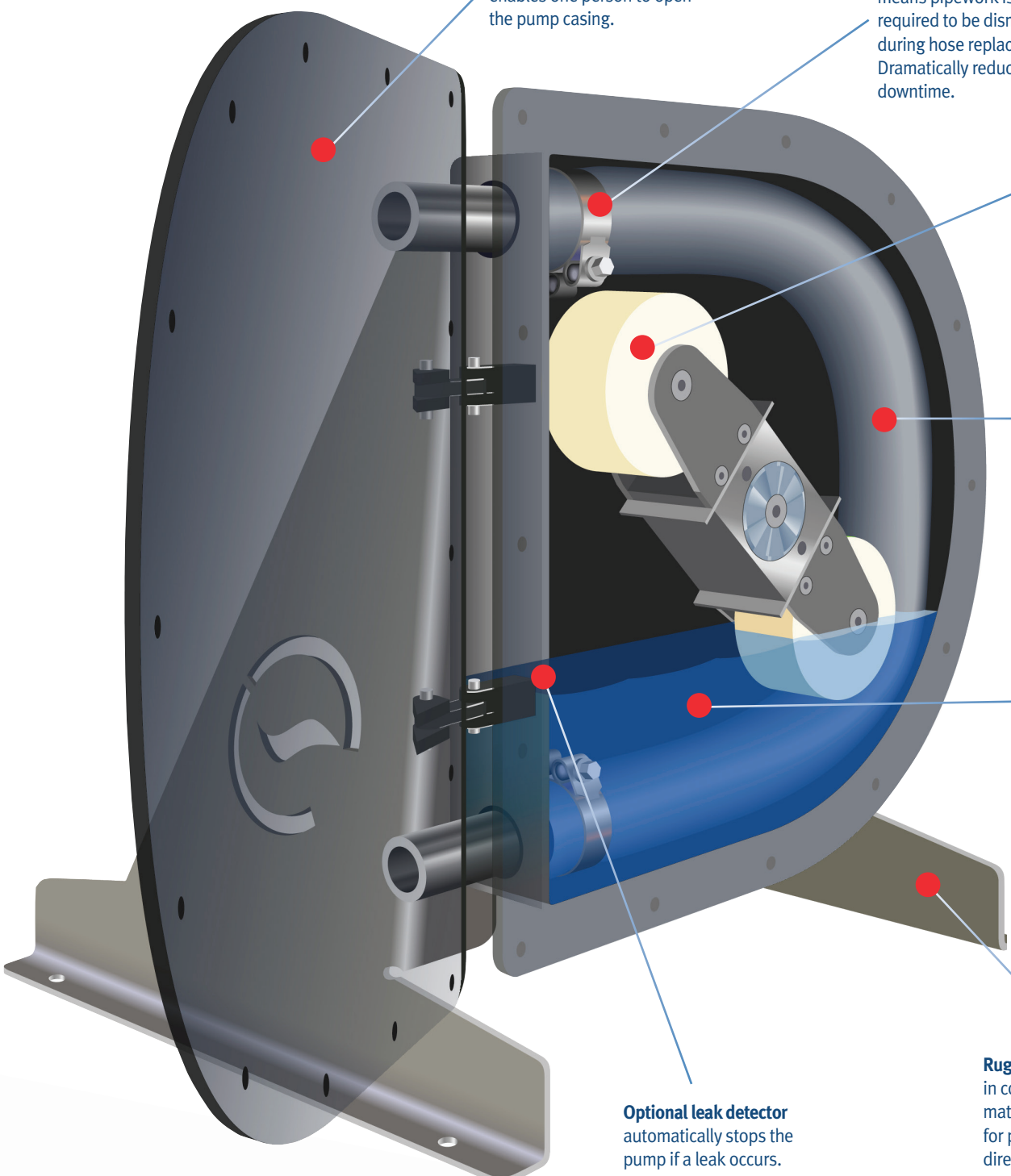
Soft action rotating rollers minimize surface friction, reducing energy consumption and maximizing hose life

Precision ground hose improves operational efficiency.

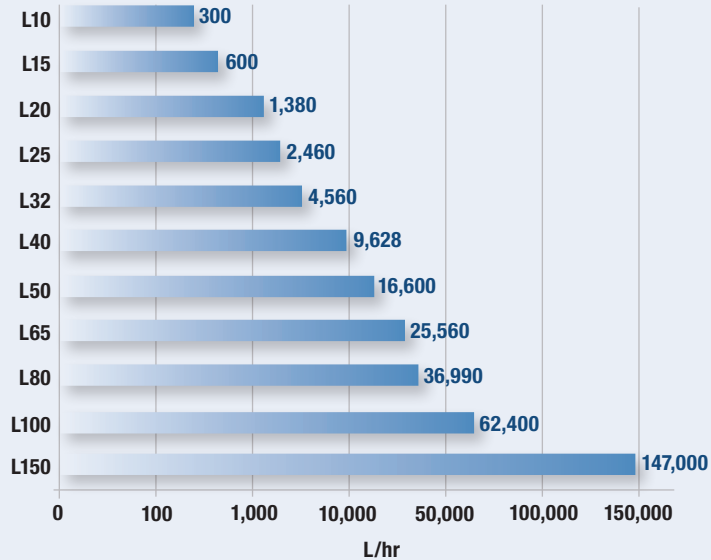
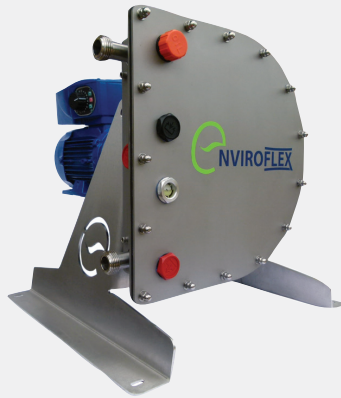
EnviroLube lubricant addresses a broad range of temperature requirements

Optional leak detector automatically stops the pump if a leak occurs.

Rugged mounting frames in corrosion resistant materials provide flexibility for port orientation in four directions.



Performance – Flow Rates



Performance Specifications

Pump Model	Maximum Continuous Speed (RPM)	Maximum Intermittent Speed (RPM)	Maximum Pressure (PSI; BAR; kPa)	Maximum Continuous Flow Rate (GPM; LPH; m ³ /Hr)	Maximum Intermittent Flow Rate (GPM; LPH; m ³ /Hr)
L10	70	100	109; 7.5; 750	0.92; 210; 0.21	1.32; 300; 0.30
L15	70	100	109; 7.5; 750	1.85; 420; 0.42	2.64 ; 600; 0.60
L20	90	100	109; 7.5; 750	5.5; 1242; 1.24	6.1; 1380; 1.38
L25	90	100	109; 7.5; 750	9.8; 2,214; 2.21	10.8; 2,460; 2.46
L32	70	80	109; 7.5; 750	17.6; 3,990; 3.99	20.1; 4,560; 4.56
L40	60	90	109; 7.5; 750	28.9; 6,552; 6.55	43.6; 9,628; 9.63
L50	50	80	109; 7.5; 750	45.7; 10,380; 10.38	73; 16,600; 16.60
L65	45	60	109; 7.5; 750	84; 9,170; 19.17	113; 25,560; 25.56
L80	35	50	109; 7.5; 750	114; 25,893; 25.89	163; 36,990; 36.99
L100	30	40	109; 7.5; 750	206; 46,800; 46.80	275; 62,400; 62.40
L150	25	35	109; 7.5; 750	462; 105,000; 105.00	647; 147,000; 147.00

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