

PRODUCT OVERVIEW

Pacific Flow Technology offers a superior range of chemical-resistant compounds, specifically designed for handling acidic and high-temperature mediums. We can customize each hose to suit the specific chemical composition of the materials being transferred.



KEY FEATURES

- **Solutions:** Our extensive selection of chemical-resistant rubbers allows us to create hoses that are specifically designed for the chemical properties of the fluids they will transport.
- **Hot Butyl Tube Liners:** As one of the few manufacturers able to cure hot butyl tube liners into our hoses, we provide increased temperature resistance of up to 135°C while maintaining excellent chemical and abrasion properties. Our butyl lining is vulcanized directly onto the hose, significantly reducing the risk of liner detachment during suction applications, ensuring reliability in demanding environments.

APPLICATIONS

Perfect for various industrial settings, our hoses are ideal for transporting a wide range of chemicals and acids, providing durability and performance even under extreme conditions.

CAPABILITIES	
Size	DN 12-1200mm
Length	Up to 20mt, <i>Dependant on hose I.D*</i>
Duty	Suction & Discharge, <i>Discharge only*</i>
Max working pressure	-100 – 8000kpa, <i>Dependant on hose I.D*</i>
Reinforcement	Spiral synthetic fabric
Tube	BUTATECH™ FLOWTECH™ HYPATECH™ NEOTECH FRAS™
Cover	FLOWTECH™
Ends	Beaded, Flanged, In-Built coupling (NPT, BSP, Victaulic, fixed or swivel flange), Plain cut, Raised, Cuffed. <i>Custom Available upon request</i>
Flange patterns	Flanges to all standards, <i>Custom flange patterns available upon request.</i>
Connection material	Hot dipped gal (as standard), Stainless steel (SS316, SS304), Carbon steel, painted
Temp	-30/+130C
Safety Factor	4:1

TECHNICAL PROPERTIES

Hose Size			Standard Liner Thickness	Vacuum Rating	Standard Working Pressure		Safety Factor	Min Bend Radius		Weight	
DN	in	mm	mm	%	kPa	PSI	Ratio	Mt	X Dia	Suction and Discharge Kg/m	Discharge only Kg/m
50	2	50.8	3	100	1000	145	4:1	0.3	6.00	2.3	1.4
80	3	76.2	3	100	1000	145	4:1	0.48	6.00	3.5	2.1
100	4	101.6	3	100	1000	145	4:1	0.6	6.00	4.5	2.8
125	5	127	3	100	1000	145	4:1	0.75	6.00	6.2	3.8
150	6	152.4	3	100	1000	145	4:1	0.9	6.00	7.3	4.4
200	8	203.2	3	100	1000	145	4:1	1.2	6.00	12.4	6.8
250	10	254	3	100	1000	145	4:1	1.5	6.00	17.1	10.1
300	12	304.8	3	100	1000	145	4:1	2.4	8.00	25.2	12
350	14	355.6	3	100	1000	145	4:1	2.8	8.00	31.5	13.9
400	16	406.4	3	100	1000	145	4:1	3.2	8.00	38.6	20.2
450	18	457.2	3	100	1000	145	4:1	3.6	8.00	43.2	22.8
500	20	508	3	100	1000	145	4:1	4	8.00	58.9	25.2
550	22	558.8	3	100	1000	145	4:1	4.4	8.00	52.9	33.6
600	24	610	3	100	1000	145	4:1	4.8	8.00	57.4	36.5