

PRODUCT OVERVIEW

Our ultra-flexible Turboflex range is specially designed to maximize hose flexibility in applications where tight bend radii are paramount.



KEY FEATURES

- **Enhanced Flexibility:** Engineered to provide exceptional flexibility, ensuring tight bends without compromising performance.
- **Exclusive Construction:** Utilizing a unique hose construction exclusively designed and tested by Pacific Flow Technology, our hand-made suction hoses are the most flexible available on the market.
- **Market-Leading Bend Radius:** Turboflex hoses can achieve up to a market leading 2D bend radius without kinking. For more technical information, please refer to our datasheets.

APPLICATIONS

Ideal for various industrial applications, Turboflex hoses excel in environments that demand both flexibility and durability while managing abrasive materials and complex piping configurations.

CAPABILITIES	
Size	DN 12-1200mm
Length	Up to 20mt, <i>Dependant on hose I.D*</i>
Duty	Suction & Discharge
Max working pressure	-100kpa to + 8000kpa, <i>Dependant on hose I.D*</i>
Reinforcement	Spiral synthetic fabric
Tube	ABRASATECH™ <i>All compounds available on request*</i>
Cover	ABRASATECH™
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		Min Bend Radius		Weight
								<i>Water</i>		<i>Mining</i>		
DN	in	mm	mm	%	kPa	PSI	Ratio	Mt	X Dia	Mt	X Dia	Kg/m
50	2	50.8	6	100	1000	145	4:1	0.15	3.00	0.2	4.00	3.1
80	3	76.2	6	100	1000	145	4:1	0.24	3.00	0.32	4.00	4.7
100	4	101.6	6	100	1000	145	4:1	0.3	3.00	0.4	4.00	6.2
125	5	127	6	100	1000	145	4:1	0.38	3.00	0.5	4.00	7.9
150	6	152.4	6	100	1000	145	4:1	0.45	3.00	0.6	4.00	9.8
200	8	203.2	6	100	1000	145	4:1	0.6	3.00	0.8	4.00	15.1
250	10	254	9	100	1000	145	4:1	1.0	4.00	1.25	5.00	25.0
300	12	304.8	9	100	1000	145	4:1	1.2	4.00	1.5	5.00	33.0
350	14	355.6	12	100	1000	145	4:1	1.4	4.00	1.75	5.00	45.1
400	16	406.4	12	100	1000	145	4:1	1.6	4.00	2	5.00	54.1
450	18	457.2	12	100	1000	145	4:1	1.8	4.00	2.25	5.00	60.4
500	20	508	12	100	1000	145	4:1	2.0	4.00	2.5	5.00	71.2
550	22	558.8	12	100	1000	145	4:1	2.2	4.00	2.75	5.00	73.4
600	24	610	12	100	1000	145	4:1	2.4	4.00	3.0	5.00	79.6