

TURBOFLEX[®]

XT30 Series Hard Wall Dewatering Hose



**Unmatched
Flexibility.**

The Most Flexible Dewatering Hose in the World.

Manufactured using high quality rubber compounds and robust construction methods, our Turboflex dewatering hoses are designed to deliver unmatched flexibility, increasing kink resistance and reducing failures. Each hose is designed to handle continuous water transfer while resisting fatigue, pressure fluctuations, and harsh operating environments.

We don't take shortcuts in manufacturing. Every hose is deliberately over-engineered to ensure durability, safety, and consistent performance across its service life. Produced under an ISO 9001 certified quality management system, each hose is manufactured, inspected, and tested to strict, documented standards - ensuring repeatable build quality and dependable operation.

This combination of world-leading flexibility, proven materials, and controlled processes reduces installation stress, minimises failures, and delivers long term reliability with a lower total cost of ownership.



Exceptional Flexibility

Turboflex hoses achieve up to a market leading bend radius of up to 2D without kinking, delivering exceptional flexibility while maintaining durability and structural integrity.



ISO9001 Quality System

ISO9001 approved quality management system ensures less variation, meaning fewer failures and longer, reliable service life.



Extensive Stock

We stock a wide range of standard sizes and lengths for immediate supply, supported by large manufacturing capacity to custom produce non-standard sizes and lengths.

XT30-SERIES HARD WALL DEWATERING



Turboflex XT30 Series Hard Wall Dewatering Hoses are designed to provide exceptional flexibility, ensuring tight bends without compromising performance. Utilizing a unique hose construction exclusively designed and tested by Pacific Flow Technology, Turboflex hoses can achieve up to a market leading 2D bend radius without kinking.

This hose is commonly used in various water transfer applications, including irrigation, hydromining, and dewatering, making it a versatile solution for diverse needs. An extensive range of standard sizes and lengths is stocked specifically to support the pump hire industry, where rapid availability and minimal lead times are critical.



TECHNICAL SPECIFICATIONS

Hose size	DN25 – DN800
Length	Up to 20mt
Pressure rating	-100kPa - +8000kPa
End connections	Plain Swivel flange(beaded) Fixed flange Flanged spigot (swivel or fixed) Victaulic spigot (shouldered, roll grooved, cut grooved) Threaded Raised Cuffed Custom
Flange patterns	AS2129, ASME B16.5, ASME B16.47, AWWA C207, AS4087, BS EN 1092, BS 3293, JIS B2220, SANS 1123, DIN ISO 7005, custom
Safety factor	4:1
Temperature rating	-30 to +80 (ABRASATECH)
Optional extras	Anti-static wire Wear monitor ID tagging

MATERIAL SPECIFICATIONS

Inner Liner	ABRASATECH (for high wear slurry) FLOWTECH (for high temp or high acidic slurry) FOODTECH (AS4020 approved for potable water)
Reinforcement	Spiralled synthetic fabric Wire helix
Outer cover	ABRASATECH (for abrasion and UV resistance) NEOTECH FRAS (for FRAS or oily environments) FLOWTECH (for extreme UV or seawater)
Connection material	Hot dipped gal (as standard) Stainless steel (SS316, SS304) Carbon steel Painted Custom

STOCKED ITEMS

We carry an extensive range of stocked hoses with swivel table E flanges and rated to 16 bar maximum working pressure.

Stocked sizes	DN100 (3mt,6mt) DN150 (3mt,6mt) DN200 (3mt,6mt) DN250 (3mt,6mt) DN300 (3mt,6mt) DN350 (3mt,6mt) DN400 (3mt,6mt)
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TECHNICAL PROPERTIES

HOSE SIZE		STANDARD LINER THICKNESS	VACUUM RATING	STANDARD WORKING PRESSURE		MAX WORKING PRESSURE		SAFETY FACTOR	MINIMUM BEND RADIUS
DN	mm	mm	%	kPa	PSI	kPa	PSI	Ratio	X Dia
50	50.8	6	100	1000	145	8000	1160	4:1	2
80	76.2	6	100	1000	145	8000	1160	4:1	2
100	101.6	6	100	1000	145	8000	1160	4:1	2
125	127	6	100	1000	145	8000	1160	4:1	2
150	152.4	6	100	1000	145	8000	1160	4:1	2
200	203.2	6	100	1000	145	8000	1160	4:1	3
250	254	9	100	1000	145	8000	1160	4:1	3
300	304.8	9	100	1000	145	6000	870	4:1	3
350	355.6	9	100	1000	145	6000	870	4:1	4
400	406.4	12	100	1000	145	5000	725	4:1	4
450	457.2	12	100	1000	145	4000	580	4:1	4
500	508	12	100	1000	145	4000	580	4:1	4
550	558.8	12	100	1000	145	4000	580	4:1	4
600	610	12	100	1000	145	4000	580	4:1	4
650	660.4	15	100	1000	145	2500	363	4:1	5
700	711.2	15	100	1000	145	2500	363	4:1	5
750	762	15	100	1000	145	2500	363	4:1	5
800	812.8	15	100	1000	145	2500	363	4:1	5

Key notes

1. Hoses can be fully customised to non-standard specifications including, inside diameter, outside diameter, working pressure and weight
2. Minimum bend radius figures are only applicable to hoses with standard liner thickness and working pressure
3. Max working pressure will not be compatible with all end configurations, please get in contact with us to find out more
4. Weight and bend radius values are approximate and may vary
5. In our stocked range expect a greater bend radius of approximately 1D–2D extra