

TURBOFLEX[®]

XT20 Series Hard Wall Drill Hose



**Unmatched
Performance.**

The Longest Lasting Drilling Hose in the World.

Turboflex hoses are designed to deliver unmatched flexibility, increasing kink resistance and reducing failures. Manufactured in Australia using the highest quality, abrasion-resistant rubber compounds, Turboflex hoses deliver consistently longer service life than conventional alternatives.

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.



Superior Materials

Our exclusive Abrasatech compound is one of the lowest abrasion loss rubber compounds used in mining hose applications worldwide. We only select the most premium quality materials for our manufacturing process.



Manufacturing Capacity

We have one of the largest hose manufacturing capacities in the country, an extensive mandrel inventory, and full in-house production control ensuring repeatable quality across every hose we produce.

XT20-SERIES HARD WALL DRILL HOSE

TURBOFLEX®

Turboflex XT20 Series Hard Wall Drill Hoses feature our proprietary Turboflex design that maximizes flexibility to prevent permanent kinking while maintaining superior abrasion resistance. A beefed up flange connection increases tear strength and ensures secure end retention when hanging. Incorporating our proprietary Abrasatech tube liner, these hoses provide industry leading performance in abrasion loss.

Designed for the rigorous demands of the drilling industry, Turboflex hoses excel with their ability to combine extreme flexibility and abrasion resistance. Our unique end construction also ensures maximum retention when hanging from drill. Manufactured in Australia, for the harshest condition, out performing many imported variants on the market.



TECHNICAL SPECIFICATIONS

Hose size	DN25 – DN300
Length	Up to 20mt
Pressure rating	-100kPa - +8000kPa
End connections	Plain Swivel flange(beaded) Flanged spigot (swivel or fixed) Victaulic spigot (shouldered, roll grooved, cut grooved)
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 general high wear slurry) QUARRYTECH (for fine sands slurry) ROCKTECH (for large rock slurry)
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

TECHNICAL PROPERTIES

HOSE SIZE		STANDARD LINER THICKNESS	MAX LINER THICKNESS	VACUUM RATING	STANDARD WORKING PRESSURE		MAX WORKING PRESSURE		SAFETY FACTOR	MINIMUM BEND RADIUS
DN	mm	mm	mm	%	kPa	PSI	kPa	PSI	Ratio	X Dia
50	50.8	6	6	100	1000	145	8000	1160	4:1	3
80	76.2	6	9	100	1000	145	8000	1160	4:1	3
100	101.6	6	12	100	1000	145	8000	1160	4:1	3
125	127	6	12	100	1000	145	8000	1160	4:1	3
150	152.4	6	12	100	1000	145	8000	1160	4:1	3
200	203.2	6	12	100	1000	145	8000	1160	4:1	3
250	254	9	15	100	1000	145	8000	1160	4:1	3
300	304.8	9	19	100	1000	145	6000	870	4:1	3

Key notes

1. Hoses can be fully customised to non-standard specifications including, inside diameter, outside diameter, liner thickness, 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