



XL Series Long Length Reeling Hose



**Proven Global
Performance.**

The Hose Solution That Goes The Distance

Manufactured using premium Continental hose produced in Canada and assembled into long continuous lengths in Australia, Stackertech long length reeling hose is designed for demanding mining dust suppression applications. This combination of proven global hose technology and local manufacturing expertise delivers exceptional reliability and extended service life.

We don't take shortcuts with Stackertech. Each hose is deliberately over engineered and precision joined using fully rubber moulded splices to create continuous long lengths with minimal joins, eliminating catch points and common failure locations. As Australia's leading manufacturer of long length reeling hose, our processes are purpose built for high cycle reeling environments.

Operating under an ISO 9001 certified quality management system, every Stackertech hose assembly is manufactured, inspected, and tested to strict documented standards, ensuring consistent build quality, predictable performance, reduced changeouts, and lower total cost of ownership.



Seamless Joins

Spliced with fully rubber moulded joins and no metal connections, ensuring a continuous flexible hose length with no catch points during reeling.



Longer lengths

Hose is joined every 120mt, significantly reducing joins to extend service life and minimise changeouts and costly unplanned downtime.



Stock Capacity

Extensive stock of long length hose across multiple sizes enables fast supply, reduced lead times, and rapid deployment to site.

XL-SERIES LONG LENGTH REELING HOSE



Stackertech XL Series Long Length Reeling Hoses are purpose designed for mining stackers and reclaimers, providing reliable water transport for dust suppression in coal and iron ore mining operations. Each hose is internally swaged to deliver full, unrestricted flow, unlike conventional industrial hose fittings.

Constructed with fire resistant and anti static cover compound, these hoses are rated for coal mining applications, reducing the risk of fire and static electricity build up in high cycle environments.



TECHNICAL SPECIFICATIONS

Hose size	DN 50, DN65, DN80
Length	20m to 2,000m
Pressure rating	0kPa - +1720kPa
End connections	Plain Internally swaged male BSP thread Fixed flange Camlock Threaded barrel union Custom may be available on request
Temperature rating	-30 to +70 C

MATERIAL SPECIFICATIONS

Inner Liner	Multitech
Reinforcement	Spiralled synthetic fabric
Outer cover	Neotech FRAS
Connection material	Stainless steel (as standard) Custom

TECHNICAL PROPERTIES

HOSE SIZE		OUTSIDE DIAMETER	STANDARD LINER THICKNESS	TENSILE STRENGTH	MAX ELONGATION AT WORKING PRESSURE	MAX WORKING PRESSURE		SAFETY FACTOR	WEIGHT	MINIMUM BEND RADIUS
DN	mm	mm	mm	kg	%	kPa	PSI	Ratio	Kg/mt	X Dia
50	50.8	72	3	1000	1.5	1720	250	4:1	2.62	10
65	63.5	85	3	1000	1.5	1720	250	4:1	3.16	10
80	76.2	97	3	1000	1.5	1720	250	4:1	3.69	10

Key notes

1. Max elongation refers to the maximal amount of radial and longitudinal deformation at maximum working pressure
2. Tensile strength relates to maximum load on hose before break

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