

Linatex® Smooth Cut End Hose & Couplings (801)

Technical Specifications

WEIR

Minerals



Applications

A general purpose mining hose for material handling and slurry transfer applications:

- Mineral processing plant duties
- Sand and gravel transfer
- Dewatering duties
- General material handling

Economical and adaptable

The Linatex® 801 smooth cut end hose and coupling system is a cost effective and versatile mine hose solution. It's expertly designed for site fit-up to support light slurry transfer and material handling duties. The 801 hose range is locally stocked in common industry sizes and is designed to suit the bolt-on split cast couplings to create an economical ready-made hose solution.

Design features

- Versatile design allows for the hose to be cut to length on site
- Coupling design supports multiple flange drill patterns
- High tensile textile cords with embedded steel wire helix wires
- Available in Linatex® premium rubber or SBR internal wear liner formats

Properties

- Nominal bores from 50mm (2") to 600mm (24")*
- Locally stocked in standard lengths
- Operating temperature -30°C to +75°C (-22°F to +167°F)
- Minimum bend radius of 8 times the internal diameter
- Safety factor of 3:1
- Bolt-on split cast flanges suit regional drill pattern requirements

* Product specifications are subject to regional variations.





Wear liner composition is critical to the performance of your Linatex® rubber hose. With over 90 years of rubber manufacturing experience, we have the expertise to select the best compound for your specified application.

Our superior Linatex® rubber compounds provide your application with outstanding wear resistance and extended wear life. This is designed to achieve the lowest total cost of ownership for all our hoses.

For more information, please refer to our range of Linatex® rubber technical specification sheets.



Typical Physical Properties - Cut End Hose

IN		OD		WORKING PRESSURE kPa	LINER THICKNESS		WEIGHT		VACUUM RATING
mm	in	mm	in		mm	in	kg	lbs	%
50	2	70	2.9	1000	6	¼	2,6	5.7	80
80	3	105	4.1	1000	6	¼	5	11.0	80
100	4	132	5.2	1000	6	¼	7,5	16.4	80
125	5	157	6.2	1000	6	¼	8,9	19.5	80
150	6	178	7	1000	6	¼	9,2	25.1	80
200	8	232	9.1	1000	6	¼	14,4	32.9	50
250	10	284	11.2	1000	6	¼	21,2	48.3	50
300	12	341	13.4	1000	6	¼	29,5	70.2	50
350	14	401	15.8	1000	9	⅜	43,7	80.0	50
400	16	454	17.9	1000	9	⅜	56	119.0	50
450	18	504	19.8	500	12	½	57,8	127	24,5
500	20	561	22.1	500	12	½	73,6	162	35
600	24	665	26.2	500	12	½	93	205	21

Typical Physical Properties - Couplings

ID		LENGTH		WEIGHT		DRILL PATTERNS		
mm	in	mm	in	kg	lbs	ANSI 150	PN10	PN16
50	2	90	3.5	1.5	3.3	ANSI 150	PN10	PN16
80	3	90	3.5	2	4.4	ANSI 150	PN10	PN16
100	4	145	5.7	4.5	9.9	ANSI 150	PN10	PN16
125	5	157	6.2	5	11.0	ANSI 150	PN10	PN16
150	6	167	6.6	7	15.4	ANSI 150	PN10	PN16
200	8	232	9.1	10	22.0	ANSI 150	PN10	-
250	10	270	10.6	18	39.7	ANSI 150	PN10	-
300	12	330	13.0	25	55.1	ANSI 150	PN10	-
350	14	377	14.8	27	59.5	ANSI 150	PN10	-
400	16	400	15.7	50	110.2	ANSI 150	PN10	-
450	18	327	12.9	44	97	-	PN10	-
500	20	279	11	49	108	-	PN10	-
600	24	289	11.4	56	123.4	-	PN10	-

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