

T-FLEX® ADAPTA



MINING

ADAPTA SLURRY HOSE SUCTION AND DISCHARGE



Trelleborg's T-FLEX® ADAPTA slurry hose is a versatile design that allows the hose to be cut to length on site. The inbuilt swivel flange allows for ease of installation while the hose can be cut to length in-situ and fitted with our aluminum muff coupling. The T-FLEX® ADAPTA hose features our Trelleborg premium natural rubber for superior performance in fine slurry abrasion duties and is available in customised lengths to provide an adaptable slurry hose solution.

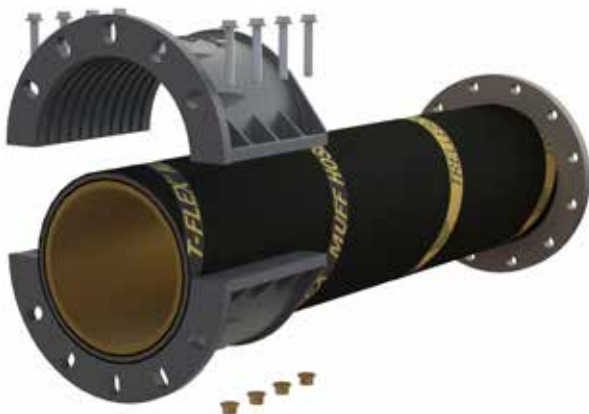
APPLICATIONS

Pumping and transfer of abrasive slurries under pressure or vacuum for:

- Mineral processing plants
- Sand and gravel plants
- Tailings and slimes lines
- Dewatering duties
- Pneumatic transfer

ADVANTAGES

- Good resistance to slurry abrasion
- Can be cut to length for site fit-up
- Coupling design supports Table D/E and ANSI 150
- Can be custom made with a range of wear liner options



TECHNICAL DESCRIPTION

Nominal Bore: 50mm to 300mm

Inner tube: abrasion resistant natural rubber (NR) in 40 or 60 shore

Reinforcement: synthetic textile fabric with embedded steel wire helix

Cover: abrasion and UV resistant outer cover, smooth, fabric impression

Temperature range: -35°C to +75°C

Working pressure: 1000 kPa

END FITTING OPTIONS

Hoses are fitted with swivel flanges and designed to be coupled with our aluminium muff couplings. Must be used to the following maximum working pressure:

- 1000 kPa for static applications (no hose movement, no water hammer) and/or temperature max <40°C
- 700 kPa for dynamic application and/or temperature >40°C

COMPLEMENTARY INFORMATION

- Manufactured to standard sizes and lengths. Please contact Trelleborg if longer lengths or custom sizes are required
- Site audits, 3D scanning and drafting services are available for a fully engineered solution



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HOSE ID		OUTSIDE DIAMETER		STD. LINER THICKNESS		WEIGHT PER METER kg	VACUUM RATING %	MINIMUM BEND RADIUS x Dia
NB	in	mm	in	mm	in			
50	2	70	2.9	6	1/4	2.6	90	8x
80	3	104	4.1	6	1/4	5.8	90	8x
100	4	132	5.2	6	1/4	7.7	90	8x
125	5	157	6.2	6	1/4	9.8	90	8x
150	6	182	7.2	6	1/4	11.5	90	8x
200	8	233	9.2	6	1/4	15.3	90	8x
250	10	286	11.3	6	1/4	22.2	90	8x
300	12	344	13.5	7	9/32	28.4	90	8x

Note

Product specifications are subject to design variations.
Weight per meter excludes end fitting weight.
Please consult Trelleborg for manufacturing tolerances.

Cast aluminium muff couplings as standard.
Other materials on request.

The muff coupling design supports Table D/E
and ANSI 150 drill patterns.



Customised requirements upon request.

T-FLEX® ADAPTA hose can be cut to length.

