

Abrasive materials handling



Fluid transfer solutions

Abrasive materials handling, Trelleborg hoses and assemblies

www.trelleborg.com/fluidhandling

TRELLEBORG GROUP LEADER IN POLYMER SOLUTIONS

Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has annual sales of about SEK 37 billion (EUR 3.46 billion, USD 3.87 billion) in about 50 countries. The Group comprises three business areas: Trelleborg Industrial Solutions, Trelleborg Sealing Solutions and Trelleborg Wheel Systems, and a reporting segment, Businesses Under Development. The Trelleborg share has been listed on the Stock Exchange since 1964 and is listed on Nasdaq Stockholm, Large Cap. www.trelleborg.com



Trelleborg Industrial Solutions



Trelleborg Sealing Solutions



Trelleborg Wheel Systems

TRELLEBORG FLUID HANDLING SOLUTIONS

With over 1,500 employees, located in Europe, Turkey, Australia and China, Trelleborg Fluid Handling Solutions is a leading company focusing on fluid handling technologies as well as material protection in demanding areas.

The Trelleborg Fluid Handling team provides high performance solutions for oil and gas transfer for marine applications, fluid handling systems in the industrial applications and full material and equipment protection in the mining industry.

Trelleborg Fluid Handling Solutions develops, designs, manufactures low and medium pressure hoses with their fittings, oil & gas marine break-away couplings and hoses, filtration for LNG and industrial applications, rubber sheeting and matting, expansion joints and wear protection lining equipment based on advanced polymer technology.



Industrial hoses



Offshore oil and gas transfer



Oil and gas flow control



Rubber sheeting and matting



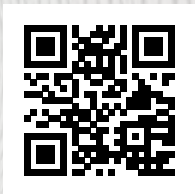
Expansion joints



Mining and mineral processing

NEW PERFORMER CERAMIC

Discover the high performance of our new
PERFORMER CERAMIC hose.



PERFORMER

A large range for all of your handling operations



Wear resistance

Trelleborg has designed the natural rubber tubes (or EPDM for the PERFORMER GL AD10T) in order to resist very high stress levels. Their high wear and tear resistances allow a very long lifespan for the hoses to perform.

For many years, users have been trusting our PERFORMER solutions in various areas:

- **Quarrying and mining.**
- **Mud and sand treatment.**
- **Pneumatic handling.**
- **Etc.**

Weather resistance

Thanks to their EPDM cover, PERFORMER hoses have a very long lifespan.

They are notably used in large thermal power plants.

These facilities have been designed to operate for decades in continuous operation.

Reliability is a prime necessity.

Special applications

On demand, Trelleborg is able to study special design uses:













- **Working pressure 20 bar and above.**
- **Cover resistant to molten metal projection.**
- **Very low bending radius.**
- **Etc.**





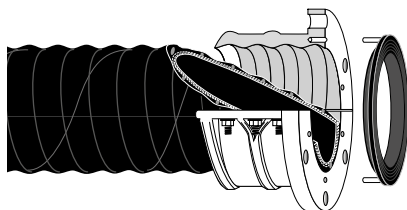
PERFORMER

Abrasive materials hydraulic and pneumatic handling

	Inner tube	Temperature range	Working pressure	Max. vacuum	Diameter range	ATEX
 PERFORMER GL AD10H NR 60 ShA tube	NR	- 30/70 °C	10 bar	0.9 bar	25/400 mm	
 PERFORMER GL AD10P NR 40 ShA tube	NR	- 30/70 °C	10 bar	0.9 bar	25/400 mm	
 PERFORMER GL AD10T EPDM tube for high temperatures	EPDM	- 30/100 °C	10 bar	0.9 bar	25/400 mm	
 PERFORMER AR10 Specially for discharge	NR	- 30/70 °C	10 bar	-	100/500 mm	
 PERFORMER AD10H Hydraulic suction or discharge of abrasive materials	NR	- 30/70 °C	10 bar	0.9 bar	25/500 mm	
 PERFORMER AD10P Hydraulic suction or discharge of abrasive materials	NR	- 30/70 °C	10 bar	0.9 bar	25/400 mm	
 PERFORMER AD10T Pneumatic or hydraulic suction or discharge of abrasive materials with high temperature	NR	- 30/100 °C	10 bar	0.9 bar	25/400 mm	

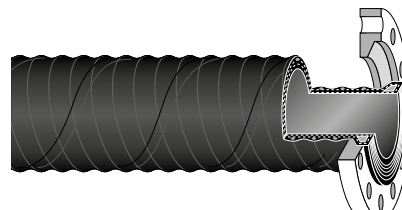
PERFORMER with BLOC-END® fitting

The half-shelf couplings BLOC-END® (with a sealed gasket) are specially designed to be installed on site.



PERFORMER with built-in END-FLEX® flange

The built-in END-FLEX® flange is a swiveling flange integrated in the hose which guarantees a perfect leakproof connection without any added seal and also an excellent pressure resistance.





NEW PERFORMER

CERAMIC

5 10 15

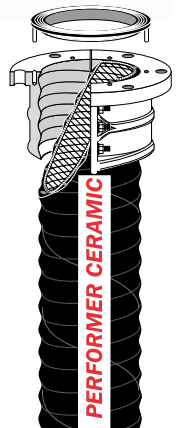


5 times more flexible than the current market standard ceramic hoses

At least 10 times longer lifespan compared to a rubber hose

Hose ready in 15 minutes

Hose can be cut with a simple knife, no need for specific tooling plus couplings can be installed on site by yourself



ID mm	OD mm	Working pressure bar	Bursting pressure bar	Max vacuum bar	Bending radius mm	Weight kg/m
50	83.0	10	30	0.9	200	4.8
65	98.0	10	30	0.9	300	5.8
80	113.0	10	30	0.9	350	6.7
100	133.0	10	30	0.9	400	8.2
125	158.0	10	30	0.9	600	10.1
150	183.0	10	30	0.9	700	11.9
200	234.5	10	30	0.9	1300	16.7



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