



# PERFORMER

**Fluid transfer solutions**

PERFORMER

[www.trelleborg.com/fluidhandling](http://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 engineered solutions accelerate performance for customers in a sustainable way.



Trelleborg Coated Systems



Trelleborg Industrial Solutions



Trelleborg Offshore & Construction



Trelleborg Sealing Solutions



Trelleborg Wheel Systems

## TRELLEBORG FLUID HANDLING SOLUTIONS

Trelleborg Fluid Handling Solutions is part of the business area Trelleborg Industrial Solutions.

With over 1,000 employees and a head office located in Clermont-Ferrand in France, Trelleborg Fluid Handling Solutions is a leading developer, manufacturer and supplier of low and medium pressure industrial hoses, Oil & Gas hoses, rubber sheeting and matting and expansion joints based on advanced polymer technology.

We provide the optimum high performance solutions for every situation with production sites in France, Spain, Sweden and Turkey.

Trelleborg Fluid Handling Solutions offer a very large range of competitive products, solutions and services that meet your needs and requirements for all types of applications.



Industrial hoses



Oil & Gas hoses



Expansion joints



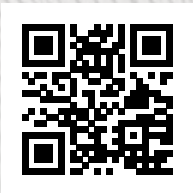
Rubber sheeting and matting





# NEW PERFORMER CERAMIC

Discover the high performance of our new  
PERFORMER CERAMIC hose.



**5 \***  
**5 times more flexible**  
than the current market  
standard ceramic hoses

**10 \***  
**At least 10 times longer**  
**lifespan** compared to a  
rubber hose

**15 \***  
**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

# PERFORMER

## Power Plant *Flue Gas Desulphurisation (FGD)*

### Benefit:

- Long lifespan thanks to the EPDM cover and the perfect sealing of the END-FLEX® flanges
- The flexibility of the rubber hose compensates for any elongation of the fiberglass pipe



## Power Plant *Hydraulic transportation of fly ash*

### Benefit:

- Reliable: the abrasive resistant tube avoids clogging and corrosion
- Easy installation: gasket is integrated into the flexible hose



## Pneumatic conveying

### Benefit:

- Long lifespan thanks to the thick Natural Rubber tube
- Easy installation: with BLOC-END® flanges



## Steel Mill *Cooling of the installation*

### Benefit:

- Resistant to molten steel thanks to the fiber glass cover
- Reliable installation: due to END-FLEX® flanges
- Hose is manufactured to strict specifications



## Quarry *Transport of stones*

### Benefit:

- Long lifespan thanks to the thick Natural Rubber tube
- Easy installation: thanks to BLOC-END® flanges



## Mining/Quarry *Transportation of slurry*

### Benefit:

- Long lifespan thanks to the thick Natural Rubber tube
- Easy installation: with BLOC-END® flanges
- BLOC-END® flanges provide a great seal





## Very long lifespan

Natural Rubber (NR) tube  
Thickness: 8.5 mm

## Excellent ageing, ozone and weather resistance

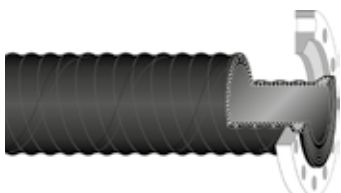
Thanks to the Ethylene Propylene Diene Monomer (EPDM) cover



### Service

All diameters are in stock (from 25 to 400 mm)  
We offer bespoke lengths if required

### END-FLEX® FLANGE

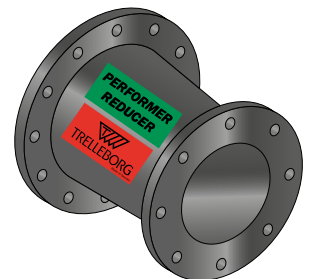


### HIGH TEMPERATURE

EPDM tube for a  
continuous use up to  
100 °C



### PERFORMER REDUCER





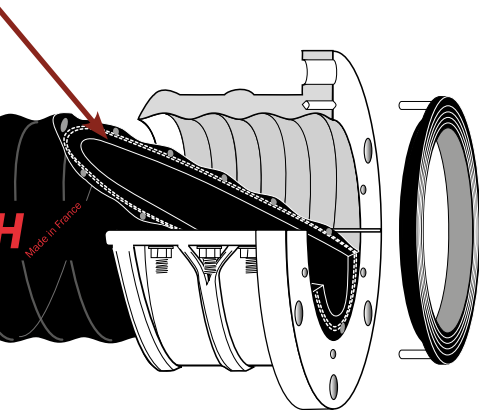


### ATEX

Usable in all ATEX areas:  
**0, 1, 2, 20, 21, 22**



**Very low stretch and torsion under pressure**



### No leakage

Thanks to the special gasket with steel reinforcement  
and the centering system

### Coupling with high pressure and pressure surge resistance

The coupling is ridged

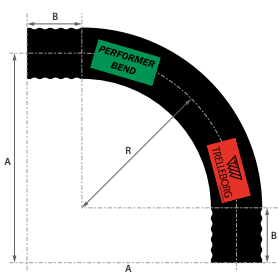
**As specialists in rubber and manufacturers of hose,  
we can provide a solution for most of your requirements**

### PERFORMER BEND

### HIGHER WORKING PRESSURE

WP = 20 bar  
Safety factor = 3  
Steel reinforcement

### PERFORMER CERAMIC





## PERFORMER GL AD10H

Abrasive materials hydraulic and pneumatic handling



### Technical description

**Inner tube:** wear resistant Natural Rubber, black, smooth.

**Reinforcement:** synthetic textile with embedded steel helix.

**Cover:** weather resistant EPDM, black, corrugated, fabric impression.

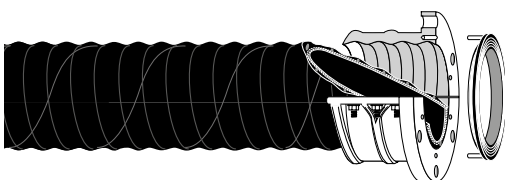
**Temperature range:** - 30 °C to + 70 °C.

**Electrical properties:** conductive tube and cover (helix must be connected with couplings).

ID		OD		Working pressure	Bursting pressure	Max. vacuum	Bending radius	Weight	Max. length
mm		mm		bar	bar	bar	mm	kg/m	m
25.0	-0/+1	53.0	±2	10	30	0.9	125	1.97	20
32.0	-0/+1	60.0	±2	10	30	0.9	160	2.33	20
40.0	-0/+1	73.0	±2	10	30	0.9	200	3.37	20
50.0	-0/+1	83.0	±2	10	30	0.9	250	4.04	20
65.0	-0/+1	98.0	±2	10	30	0.9	325	4.99	20
80.0	-0/+1	113.0	±2	10	30	0.9	400	5.90	20
100.0	-0/+1	133.0	±2	10	30	0.9	500	7.12	20
125.0	-0/+1	158.0	±2	10	30	0.9	750	8.72	20
150.0	-0/+1	183.0	±2	10	30	0.9	1050	10.20	20
200.0	-0/+2	234.5	±2	10	30	0.9	1600	14.31	12
250.0	-0/+2	285.5	±2	10	30	0.9	2000	18.90	12
300.0	-0/+2	340.5	±2	10	30	0.9	2500	25.30	12
350.0	-0/+2	391.0	±3	10	30	0.9	3100	31.47	12
400.0	-0/+2	441.0	±3	10	30	0.9	4000	36.39	12

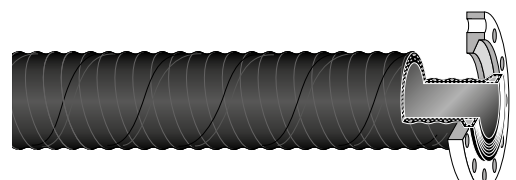
### PERFORMER with BLOC-END® fitting

The half-shelf BLOC-END® couplings (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.



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