

Applications

► 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

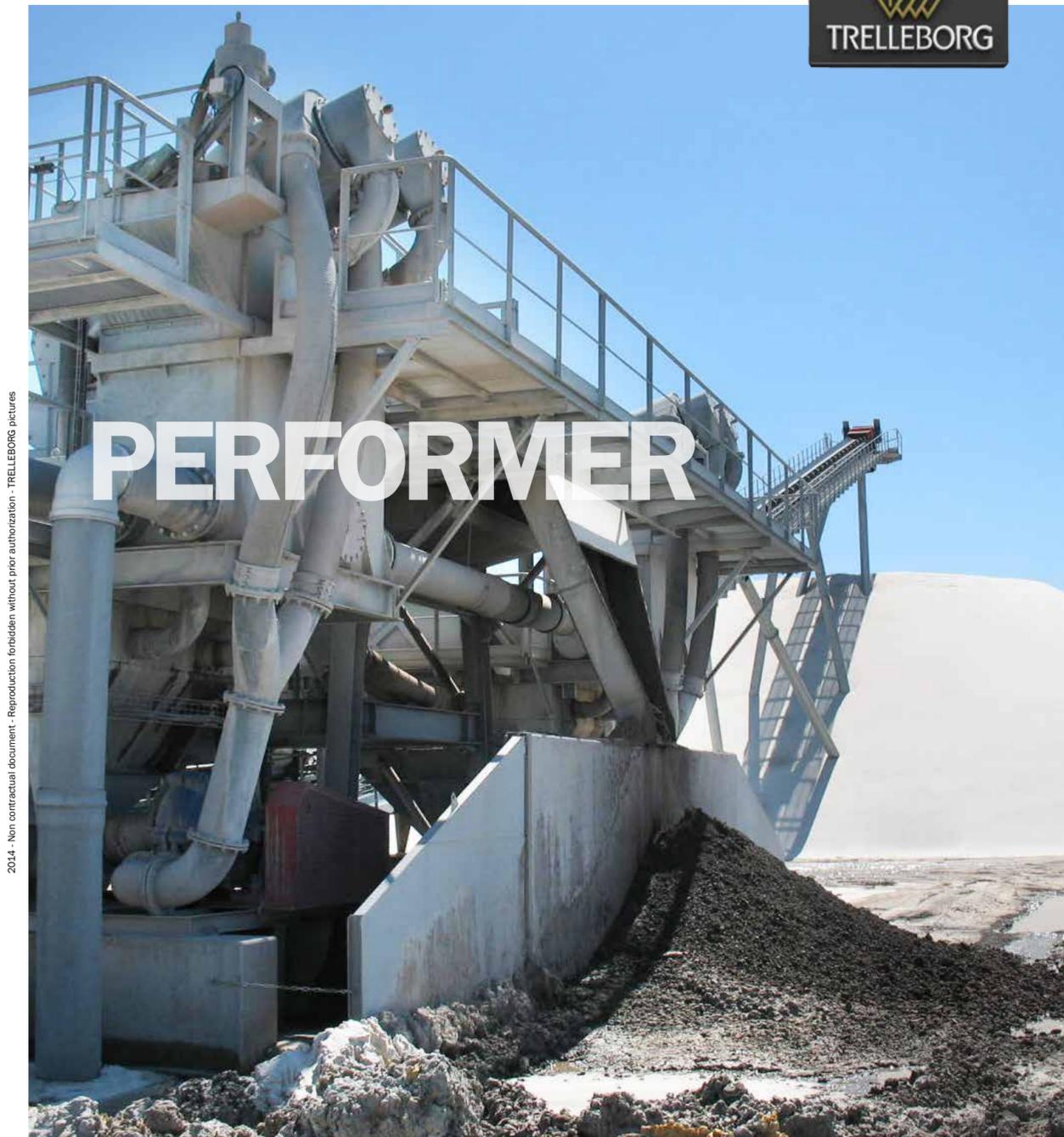


► Mining/Quarry: transportation of slurry

- **Benefit:**
- long lifespan thanks to the thick Natural Rubber tube
 - easy installation: with Bloc-End flanges
 - Bloc-End flanges provide a great seal



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Performer

Abrasive materials hydraulic and pneumatic handling
www.trelleborg.com/industrialhose

PERFORMER



Trelleborg is a global industrial group whose leading products are based on advanced polymer technology and in-depth applications know-how. Trelleborg develops high-performance solutions that seal, damp and protect in demanding industrial environments.

★ **Very long lifespan**
Natural Rubber (NR) tube
Thickness: 8.5 mm

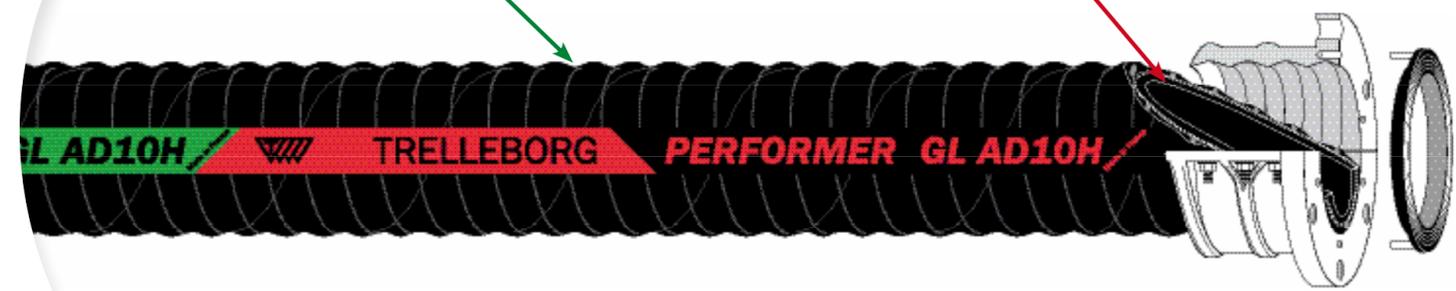
★ **Excellent ageing, ozone and weather resistance**
Thanks to the Ethylene Propylene Diene Monomer (EPDM) cover

★ **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



↘ **Service**
All diameters are in stock (from 50 to 400 mm)
We offer bespoke lengths if required

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

END-FLEX FLANGE®

HIGH TEMPERATURE
EPDM tube for a continuous use up to 100 °C

PERFORMER BEND

HIGHER WORKING PRESSURE
WP = 20 bar
Safety factor = 3
Steel reinforcement

ULTRA LONG LIFESPAN
Up to 13.2 mm thick Natural Rubber tube

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.