



PERFORMER CERAMIC hose

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

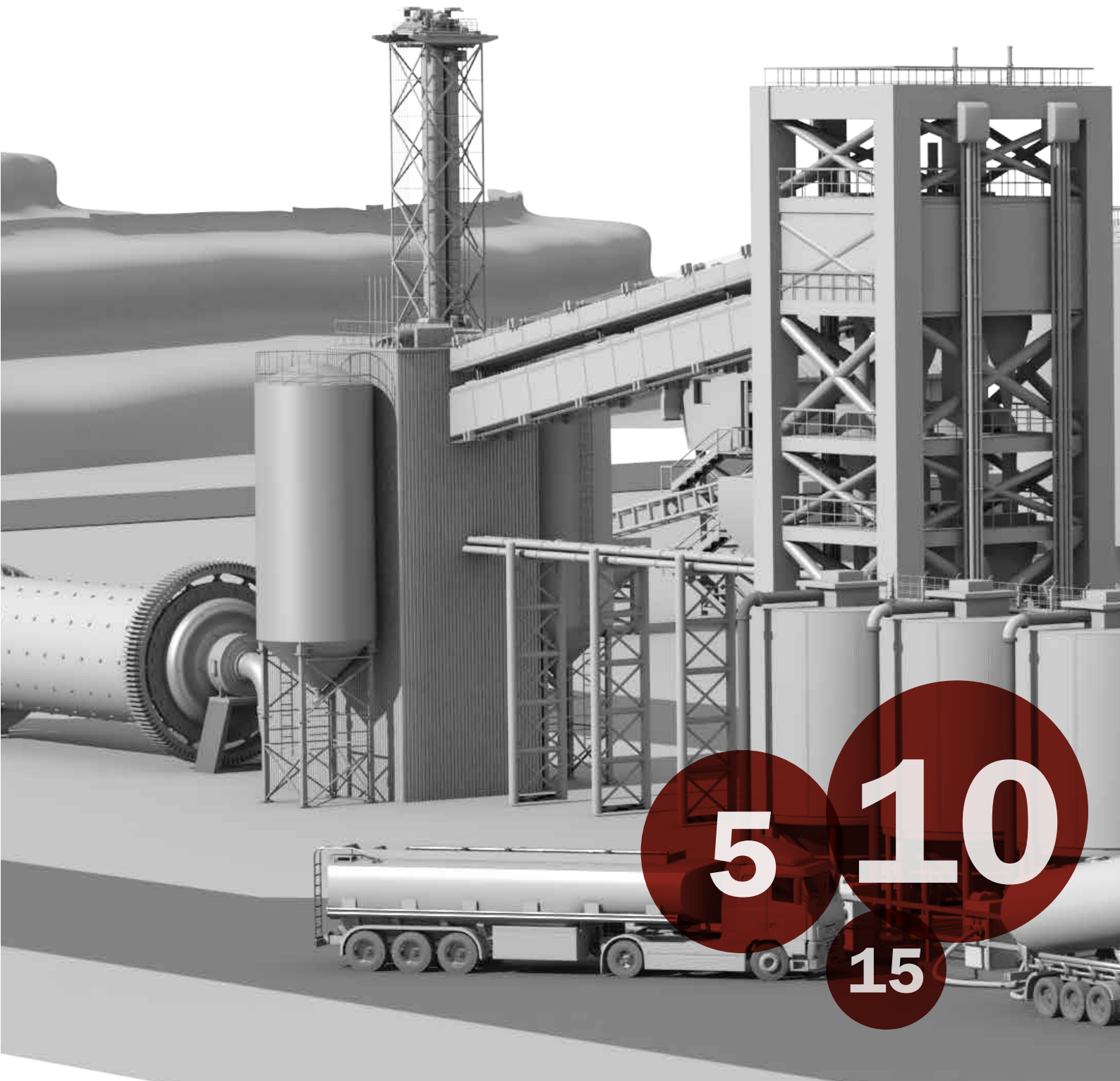


Expansion joints



Rubber sheeting and matting

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

Trelleborg PERFORMER CERAMIC hoses are available from DN 50 to 200 mm.
For other dimensions, please consult us.

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



LIGHTWEIGHT CONNECTION SYSTEM
PERFORMER CERAMIC hose is fitted with BLOC-END® couplings. Couplings are PN10-PN20 drilled and are in aluminium which offers a lightweight connection system.

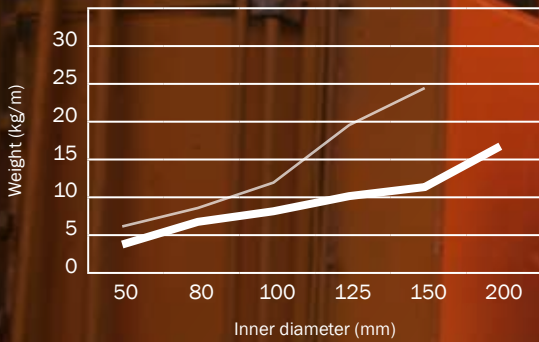


**ULTRA HIGH
ABRASION
RESISTANCE**

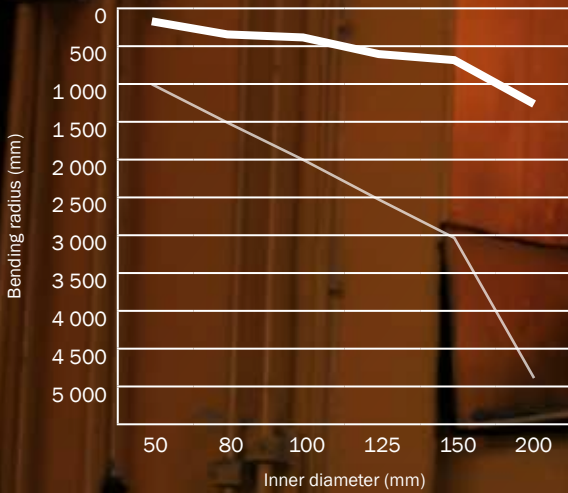
**MORE
FLEXIBLE**



THE LIGHTEST WEIGHT CERAMIC HOSE



THE MOST FLEXIBLE CERAMIC HOSE



— PERFORMER CERAMIC HOSE

— CERAMIC HOSE MARKET STANDARD

ULTRA HIGH ABRASION RESISTANCE

At least 10 times longer lifespan compared to a rubber hose. Ceramic tiles are embedded into the inner tube of the PERFORMER CERAMIC hose. Manufacturing and vulcanization processes ensure excellent adhesion between rubber and ceramics. The ceramic material has been selected for its excellent abrasion resistance and consists of more than 92% Al₂O₃ alumina. These characteristics make it possible to have an excellent resistance to abrasion.



MORE FLEXIBLE

The PERFORMER CERAMIC hose is 5 times more flexible than ceramic hose market standard. The patented shape of the ceramic tiles ensures this excellent flexibility.



EASY & QUICK INSTALLATION

The PERFORMER CERAMIC hose requires no special tooling to be cut. A simple knife placed between the ceramic tiles makes it possible to cut the hose on site. The half shells of the BLOC-END® coupling (with gasket) are specially designed to be installed on site. The weight of our hose allows easy installation. The PERFORMER CERAMIC hose is 20 to 60 % lighter than ceramic hose market standard.



EASY & QUICK INSTALLATION

LIFESPAN

The PERFORMER CERAMIC hose has been tested in the field by a variety of different users, our results indicate that the lifespan of this new ceramic solution is at least 10 times longer than the rubber hose version.

Industry	Cement Plant	Corundum factory
Application	Pneumatic conveying of SRF (Solid Fuel Recovery) into a kiln	Pneumatic conveying of alumina
Previous rubber hose	1 X PERFORMER GL AD10P	2 X PERFORMER GL AD10H
<i>Diameter</i>	125 mm	50 mm
<i>Length</i>	3 m	2 m
<i>Lifespan</i>	3 to 6 weeks	6 months
New installation of PERFORMER CERAMIC hose	1 X PERFORMER CERAMIC hose	2 X PERFORMER CERAMIC hoses
Diameter	125 mm	50 mm
Date of installation	March 2016	January 2015
Functioning	Still operating in May 2017 and does not show any significant wear	Still operating in May 2017 and do not show any significant wear
Current lifespan	16 months	28 months

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