

PERFORMER GL AD10H



CONSTRUCTION & MINING EQUIPMENT

Abrasive materials hydraulic and pneumatic
handling



APPLICATIONS

Hydraulic suction or discharge of abrasive materials.

ADVANTAGES

- | Excellent resistance to abrasion.
- | Can be supplied cut to length for on-site coupling.
- | Quick and easy installation.
- | Light weight and low bending radius.
- | Low installation cost.
- | Electrical conductivity ensured by the helix.
- | Suppression of pressure surges.
- | Reduction in pressure head loss.
- | Damping of vibrations and noise.
- | Excellent weather resistance.

TECHNICAL DESCRIPTION

Inner tube: wear resistant NR, 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).
Hose is ATEX approved for dimensions above 40mm.



COUPLINGS/FITTINGS

Hoses are fitted with BLOC-END® and must be used to the following maximum working pressure:

ID ≤ 150mm:
10bar.

ID > 150mm:
- 10bar for static application (no hose movement, no water hammer, no traction) and/or temperature max < 40 °C,
- 5bar for dynamic application and/or temperature > 40 °C.

COMPLEMENTARY INFORMATION

Low stretch under 10bar working pressure.
Lengths are stocked in 20 or 12m, consult us for longer lengths.

and embossed: week/year



**CONSTRUCTION & MINING
EQUIPMENT****PERFORMER GL AD10H**

ID mm	OD mm	TUBE THICKNESS mm	WORKING PRESSURE bar	BURSTING PRESSURE bar	MAX. VACUUM bar	BENDING RADIUS mm	WEIGHT kg/m	MAX. LENGTH m	ARTICLE NUMBER	STOCK () or min. order m
25.0	53.0 ±2	5.6	10	30	0.9	125	1.97	20	0128511	∞
32.0	60.0 ±2	5.6	10	30	0.9	160	2.33	20	0128512	∞
40.0	73.0 ±2	8.5	10	30	0.9	200	3.37	20	0128513	∞
50.0	83.0 ±2	8.5	10	30	0.9	250	4.04	20	0061620	∞
65.0	98.0 ±2	8.5	10	30	0.9	325	4.99	20	0061621	∞
80.0	113.0 ±2	8.5	10	30	0.9	400	5.9	20	0061622	∞
100.0	133.0 ±2	8.5	10	30	0.9	500	7.12	20	0061623	∞
125.0	158.0 ±2	8.5	10	30	0.9	750	8.72	20	0061624	∞
150.0	183.0 ±2	8.5	10	30	0.9	1050	10.2	20	0061625	∞
200.0	234.5 ±2	8.5	10	30	0.9	1600	14.31	12	0061626	∞
250.0	285.5 ±2	8.5	10	30	0.9	2000	18.9	12	0061627	∞
300.0	340.5 ±2	8.5	10	30	0.9	2500	25.3	12	0061628	∞
350.0	391.0 ±3	8.5	10	30	0.9	3100	31.47	12	5501488	∞
400.0	441.0 ±3	8.5	10	30	0.9	4000	36.39	12	5601787	∞

Tolerance on length: ±1% (ISO 1307 Standard).

Digital version

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Hydraulic suction or discharge of abrasive materials.

Advantages

- Excellent resistance to abrasion.
- Can be supplied cut to length for on-site coupling.
- Quick and easy installation.
- Light weight and low bending radius.
- Low installation cost.
- Electrical conductivity ensured by the helix.
- Suppression of pressure surges.
- Reduction in pressure head loss.
- Damping of vibrations and noise.
- Excellent weather resistance.

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Hose is ATEX approved for dimensions above 40mm.



Couplings/Fittings

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ID≤150mm:
10bar.

ID>150mm:
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- 5bar for dynamic application and/or temperature >40°C.

Complementary information

Low stretch under 10bar working pressure.

Lengths are stocked in 20 or 12m, consult us for longer lengths.

ID mm	OD mm	Tube thickness mm	Working pressure bar	Bursting pressure bar	Max. vacuum bar	Bending radius mm	Weight kg/m	Max. length m	Article number	Stock (●) or min. order m
25.0	53.0 ±2	5.6	10	30	0.9	125	1.97	20	0128511	●
32.0	60.0 ±2	5.6	10	30	0.9	160	2.33	20	0128512	●
40.0	73.0 ±2	8.5	10	30	0.9	200	3.37	20	0128513	●
50.0	83.0 ±2	8.5	10	30	0.9	250	4.04	20	0061620	●
65.0	98.0 ±2	8.5	10	30	0.9	325	4.99	20	0061621	●
80.0	113.0 ±2	8.5	10	30	0.9	400	5.90	20	0061622	●
100.0	133.0 ±2	8.5	10	30	0.9	500	7.12	20	0061623	●
125.0	158.0 ±2	8.5	10	30	0.9	750	8.72	20	0061624	●
150.0	183.0 ±2	8.5	10	30	0.9	1050	10.20	20	0061625	●
200.0	234.5 ±2	8.5	10	30	0.9	1600	14.31	12	0061626	●
250.0	285.5 ±2	8.5	10	30	0.9	2000	18.90	12	0061627	●
300.0	340.5 ±2	8.5	10	30	0.9	2500	25.30	12	0061628	●
350.0	391.0 ±3	8.5	10	30	0.9	3100	31.47	12	5501488	●
400.0	441.0 ±3	8.5	10	30	0.9	4000	36.39	12	5601787	●

Tolerance on length: ±1% (ISO 1307 Standard).



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PERFORMER BLOC-END® COUPLING

Coupling for material handling hoses

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Connection of the PERFORMER GL AD10H, PERFORMER GL AD10P, PERFORMER GL AD10T.

Advantages

- Hoses can be cut to length on site or at manufacture to suit the specific installation requirements.
- Easy to cut: no special tooling is needed as the coupling face acts as a cutting guide.
- The flange can be adjusted easily for fitting and will not deform in service.
- Quick and easy to replace.
- The couplings can be removed from a damaged hose and reused on replacement.
- A lightweight connection system.

Technical description

Standardised drilling.

Working pressure:

- ID=150mm: 10bar,
- ID>150mm:
10bar for static application (no hose movement, no water hammer, no traction) and/or temperature max <40°C ;
5bar for dynamic application and/or temperature >40°C.



Complete BLOC-END® coupling. With half shells, gasket and bolts/nuts/washers.			Spare part-kit. 2 half shells without gaskets and bolts.		Spare part-kit. 2 gaskets.		Bolt, including nut and washer.		
PN10/PN20			PN10/PN20		PN10/PN20		Number of bolts	Article number /piece	Notes
ID hose mm	Article number	Notes	Article number	Notes	Article number	Notes			
25	5103109 *		0195500		5103110		4	5103113	
32	5103111 *		0195501		5103112		4	5103113	
40	0117042		0116890		0116966		4	0111322	
50	0117043		0116891		0116967		4	0111322	
65	0117044		0116893		0116968		4	0111322	
80	0117045		0116895		0116969		4	0111322	
100	0117046		0116897		0116970		4	0111322	
125	0117047		0116899		0116971		4	0111322	
150	0117048		0116901		0116972		4	0111322	
200	0117049		0116902		0116973		6	0111322	
250	0118093		0118089		0118087		6	0111322	
300	0118095		0118091		0118088		6	0111322	
350	5101097 *		5100847		5100848		6	5102957	
400	5102956		5102955		5102953		6	5102957	

Article numbers in bold = stock item. Other article numbers = non stock (consult us).
* Only PN10 for ID 25, 32 and 350mm.

Assembly of 2 BLOC-END® per hose length (ID 25 - 150mm)

Assembly of 2 BLOC-END® per hose length (ID 200 - 250mm)

Assembly of 2 BLOC-END® per hose length (ID 300 - 400mm)