

ES

EXHAUST HOSE

The ES hose is a high-quality fabric flexible hose with spring steel wire integrated in the wall. The hose is recommended for use in areas that service cars and light trucks. The ES hose is vibration resistant and can withstand temperatures up to 220 °C (430 °F)*.

Please note this hose is not standard available in North America.



APPLICATIONS

- The ES is intended to be used for the following applications:
- To eliminate hazardous vehicle exhaust emissions with our vehicle exhaust capture and removal systems for the following segments: fire and emergency service stations as well as military facilities.

SPECIFICATIONS

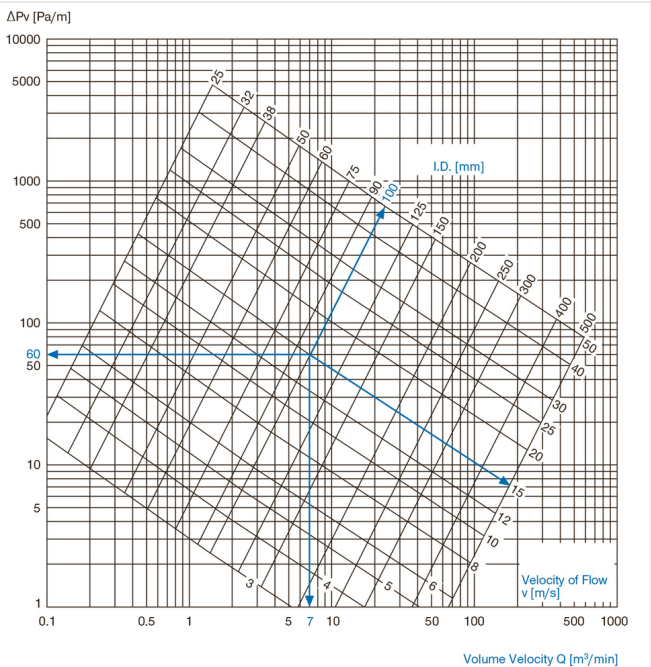
Physical dimensions and properties	
Material	<div><div><div>• hose wall</div><div>• clamp supporting spiral</div></div><div><div>• fabric reinforced tape</div><div>• spring steel wire integrated in wall</div></div></div>
Colour	yellow/black
Thickness	0,4 mm / 0.02 in. approx.
Ambient conditions	
Operating temperature	up to 220 °C / 430 °F*
Product combinations	
Railsystems	<div><div>• SBT</div><div>• STR</div></div>
Hosereels	<div><div>• SER</div><div>• MHR</div><div>• MER</div><div>• MSHR</div></div>
Booms	<div><div>• FE</div><div>• FEF</div><div>• FEB</div></div>
Nozzles**	<div><div>• Magnetic grabber</div><div>• Pneumatic grabber</div><div>• MEN</div><div>• REN</div><div>• REC</div><div>• REG</div></div>
Options and accesories	
Balancer, hose saddle, hose clamps, safety disconnect handle (SDCH)	
Order information	
Article no.	see remaining specifications
Number/package	1

Shipping data	
Gross weight	see remaining specifications
Harmonized Tariff Code	39173900
Country of origin	Germany

* When correctly applied with exhaust gas funnels and sufficient fresh air supply (approx. 50%)

** Please make sure that your nozzle and hose temperature properties match

AIRFLOW

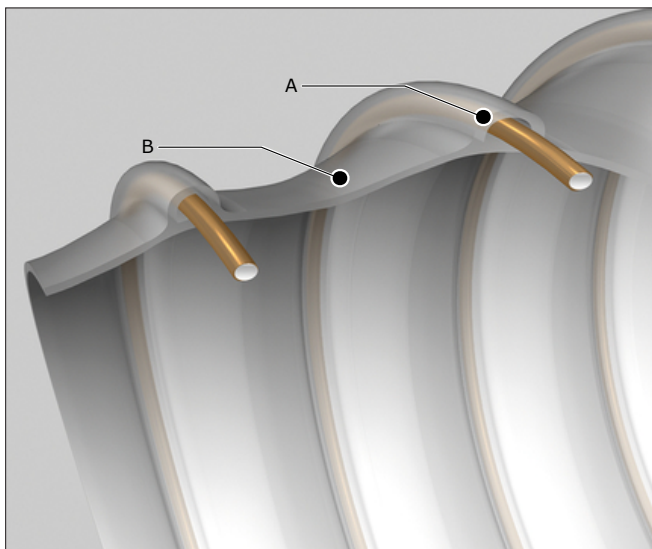


E.g.: given a 100 mm ES hose and an airspeed of 15 m/s, the pressure drop per meter will be 60 Pa and the air volume is 7 m³ / min (420 m³ / hour).

FEATURES AND BENEFITS

- Fabric reinforced
- External abrasion protection via external helix
- Highly flexible and compressible
- Good resistance to chemicals
- Flame-retardant wall according to NF P 92-503 M1

CONSTRUCTION



A	spring steel wire integrated in the wall abrasion resistant protection profile (wear strip)
B	wall fabric-reinforced tape

REMAINING SPECIFICATIONS

Art. no.	Dimensions	Length	Weight
0000117075	Ø 75 mm (3 in.)	5 m (16 ft)	2,4 kg (1.6 lbs)
0000117076	Ø 75 mm (3 in.)	7,5 m (24 ft)	3,6 kg (2.4 lbs)
0000117077	Ø 75 mm (3 in.)	10 m (32 ft)	4,8 kg (3.3 lbs)
0000117078	Ø 75 mm (3 in.)	12,5 m (41 ft)	6 kg (4 lbs)
0000117079	Ø 75 mm (3 in.)	By the meter	0,48 kg (0.33 lbs)
0000117080	Ø 100 mm (4 in.)	5 m (16 ft)	3,3 kg (2.2 lbs)
0000117081	Ø 100 mm (4 in.)	7,5 m (24 ft)	5 kg (3.3 lbs)
0000117082	Ø 100 mm (4 in.)	10 m (32 ft)	6,6 kg (4.5 lbs)
0000117083	Ø 100 mm (4 in.)	12,5 m (41 ft)	8,3 kg (5.6 lbs)
0000117084	Ø 100 mm (4 in.)	By the meter	0,66 kg (0.45 lbs)
0000117085	Ø 125 mm (5 in.)	5 m (16 ft)	4,5 kg (3 lbs)
0000117086	Ø 125 mm (5 in.)	7,5 m (24 ft)	6,8 kg (4.5 lbs)
0000117087	Ø 125 mm (5 in.)	10 m (32 ft)	9 kg (6 lbs)
0000117088	Ø 125 mm (5 in.)	12,5 m (41 ft)	11,3 kg (7.6 lbs)
0000117089	Ø 125 mm (5 in.)	By the meter	0,9 kg (0.6 lbs)
0000117090	Ø 150 mm (6 in.)	5 m (16 ft)	5,8 kg (3.9 lbs)
0000117091	Ø 150 mm (6 in.)	7,5 m (24 ft)	8,6 kg (5.8 lbs)
0000117092	Ø 150 mm (6 in.)	10 m (32 ft)	11,5 kg (7.8 lbs)
0000117093	Ø 150 mm (6 in.)	12,5 m (41 ft)	14,4 kg (9.7 lbs)
0000117094	Ø 150 mm (6 in.)	By the meter	1,15 kg (0.78 lbs)
0000117095	Ø 200 mm (8 in.)	5 m (16 ft)	7,6 kg (5 lbs)
0000117096	Ø 200 mm (8 in.)	By the meter	1,5 kg (1 lbs)

Product type

ES

Article no.

see remaining specifications

Product category

Hoses

Version

070918/A

Always check the latest version on www.plymovent.com