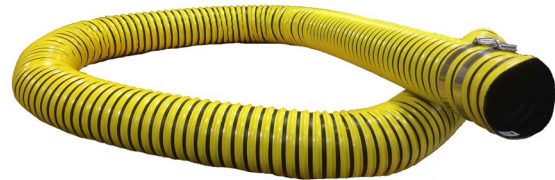


STANDARD TEMPERATURE HOSE (ST)

HOSES

Plymovent's Standard Exhaust Hose (ST) for Fire and EMS stations is a proprietary construction, with a high-quality synthetic fabric that can endure exhaust gas temperatures of up to 400°F (204°C) continuous in a properly designed system. The hose is flame and abrasion resistant. Upper, Mid and Lower hose packages available for Plymovent track and rail systems.



APPLICATIONS

The ST is intended to be used for the following applications:



- Fire and emergency services stations with diesel engine vehicles, which emit hazardous exhaust fumes.

Note: for vehicles that have aftertreatment technologies such as Diesel Particulate Filters (DPF), Plymovent recommends the High-Temperature (HT) hose, which can endure higher exhaust temperatures.

SPECIFICATIONS

Physical dimensions and properties

Material	<ul style="list-style-type: none"> • Proprietary multi-layer synthetic fabric hose • spring steel wire helix and a synthetic wear strip for abrasion resistance • Constructed with a proprietary semi-rigid material to ensure proper operation with Plymovent Grabbers
• Hose wall	
• Spiral	
• Lower Hose	

Diameters available: 4 and 5 in. (100 and 125 mm)

Ambient conditions

Operating temperature	<ul style="list-style-type: none"> • continuous: up to 400°F (204°C) • intermittent: up to 600°F (316°C)
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Recommended lengths

Upper hose lengths are provided in remaining specifications.

Product combinations

Track/Rail Systems	<ul style="list-style-type: none"> • SBT • STR • VSRX
Nozzles	<ul style="list-style-type: none"> • Magnetic Grabber • Pneumatic Grabber

Options and accessories

Balancer, hose saddle, hose clamps, nozzles (must be ordered separately)

Order information

Article no.	see remaining specifications
Number (package)	1

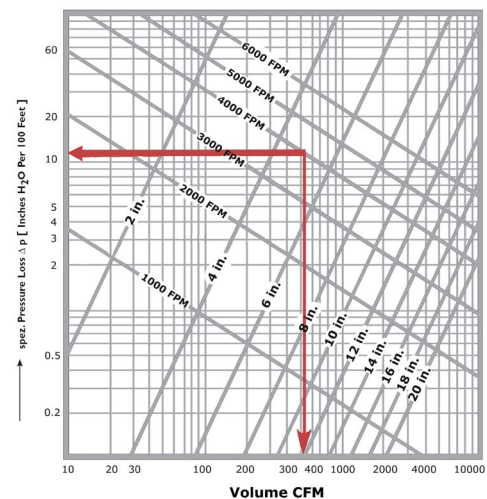
Shipping data

Gross weight	see remaining specifications
Country of origin	USA

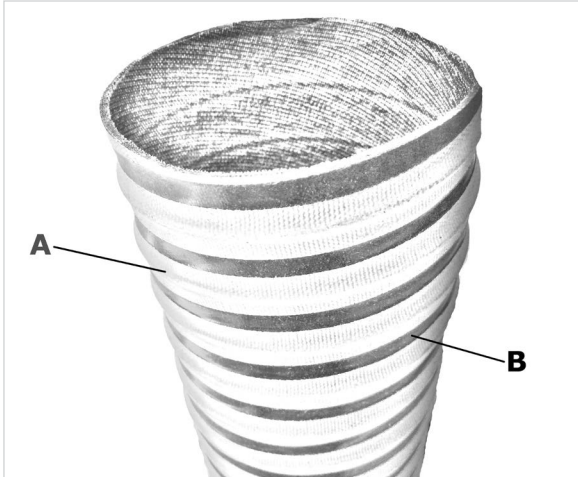
Recommended air speed

4000 to 4500 fpm (20,3 to 20,8 m/s)

AIRFLOW



Example: for a 5 in. (125 mm) ST hose with airspeed of 4000 FPM (20 m/s), the static pressure loss w.g. per 100 feet is 11 in. and air volume is 350 CFM (10 m³/m).



CONSTRUCTION:

- A. Internal spring steel wire helix with an external wear strip (yellow)
- B. Synthetic outer layer provides additional abrasion protection (black)

REMAINING SPECIFICATIONS

Art. no.	Dimensions	Length	Weight
Upper Hose for SBT (one piece)			
0000116389 710051-1	Ø 4 in. (100 mm)	15 ft (4,6 m)	7.5 lbs (3,4 kg)
0000116391 710052-1	Ø 4 in. (100 mm)	20 ft (6 m)	10 lbs (4,5 kg)
0000116393 710053-1	Ø 4 in. (100 mm)	24 ft (7,3 m)	12 lbs (5,4 kg)
0000116395 710054-1	Ø 4 in. (100 mm)	29 ft (8,8 m)	14.5 lbs (6,6 kg)
0000116397 710055-1	Ø 4 in. (100 mm)	34 ft (10,3 m)	17 lbs (7,7 kg)
0000116403 710047-1	Ø 5 in. (125 mm)	20 ft (6 m)	12 lbs (5,4 kg)
0000116405 710047-1	Ø 5 in. (125 mm)	24 ft (7,3 m)	14.4 lbs (6,5 kg)
0000116407 710047-1	Ø 5 in. (125 mm)	29 ft (8,8 m)	17.4 lbs (7,9 kg)
0000116409 710047-1	Ø 5 in. (125 mm)	34 ft (10,3 m)	20.4 lbs (9,3 kg)

REMAINING SPECIFICATIONS (CONTINUED)

Art. no.	Dimensions	Length	Weight
Upper Hose for STR/VSRX (one piece)			
0000116387 710050-1	Ø 4 in. (100 mm)	4 ft (1,2 m)	2 lbs (0,9 kg)
0000116399 710056-1	Ø 5 in. (125 mm)	12 (3,7 m)	6.3 lbs (2,8 kg)
Mid Hose for SBT/STR/VSRX (one piece)			
0000116411 710062-1	Ø 4 in. (100 mm)	10 ft (3 m)	5 lbs (2,3 kg)
0000116414 710063-1	Ø 5 in. (125 mm)	10 ft (3 m)	6 lbs (2,7 kg)
Lower Hose for SBT/STR/VSRX (one piece)			
0000116328 710014-1	Ø 4 in. (100 mm)	2 ft (0,61 m)	1.4 lbs (0,6 kg)
0000116361 710030-1	Ø 5 in. (200 mm)	2 ft (0,61 m)	1.7 lbs (0,8 kg)

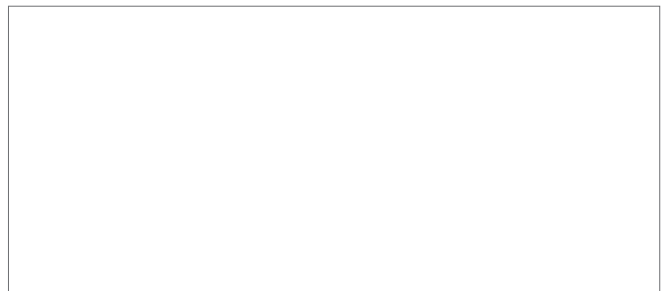
ACCESSORIES

Safety Disconnect Handle

Plymovent's safety disconnect handle is ergonomically-designed for ease of use. The round handle has large grips so that it can be operated even while wearing gloves and can be reached from any angle. The operator does not have to bend over to connect the nozzle to the tailpipe, further reducing the risk of exposure to exhaust emissions.



Plymovent Authorized Distributor:



Product type	ST
Article no.	see remaining specifications
Product category	hoses
Version	040518/1

Always check the latest version on www.plymovent.com