

EF2

EXHAUST HOSE

The Exhaust Hose (EF2) is used with Plymovent vehicle exhaust systems. Designed to extract hazardous fumes generated by gasoline and diesel engines, EF2 is made up of a high-quality synthetic composite fabric that can endure exhaust gas temperatures of up to 570°F (300°C) continuous. Intermittently, the EF2 hose can endure 660°F (350°C) provided there is approximately 50% of fresh air supplied.

Please note this hose is available only in North America.



APPLICATIONS

The EF2 is intended to be used for the following applications:



- Fleet maintenance service facilities, vo-tech centers, mass transit service garages and other facilities in which heavy-duty vehicles are generating hazardous exhaust fumes.

SPECIFICATIONS

Physical dimensions and properties

Material	<ul style="list-style-type: none"> Hose wall Spiral 	<ul style="list-style-type: none"> specialty coated high temperature synthetic woven fabric external helix made up galvanized steel with additional plastic abrasion (yellow)
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Diameters available 4 to 8 in. (100 to 200 mm)

Note: No asbestos is used in the construction of this hose.

Ambient conditions

Operating temperature	<ul style="list-style-type: none"> continuous: up to 570°F (300°C) intermittent: up to 660°F (350°C)
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Standard lengths

Available in 16 ft. (5 m), 25 ft. (7,5 m), 33 ft. (10 m) and 41 ft. (12,5 m). Custom lengths available upon request.

Product combinations

Hose Drops / Reels	<ul style="list-style-type: none"> FE/FEF/FEB SER/MER/MHR/MSHR
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Nozzles	<ul style="list-style-type: none"> MEN REN REC REG
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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

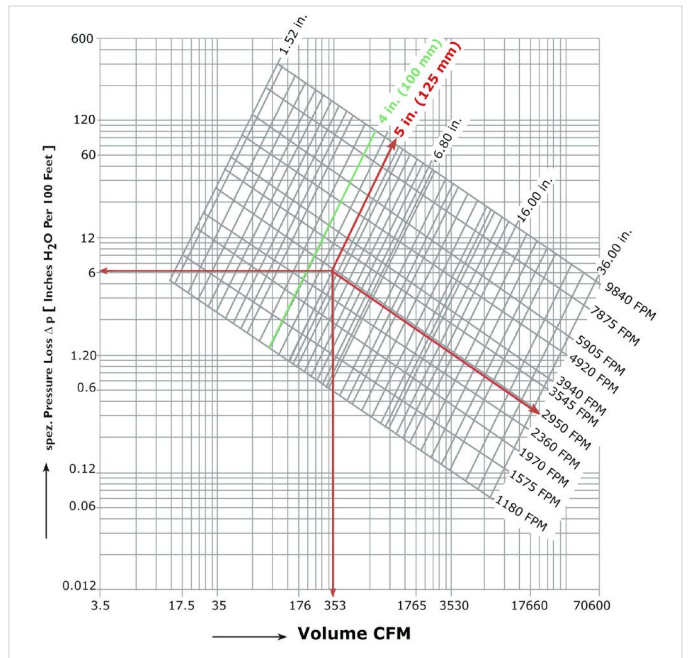
Gross weight see remaining specifications

Country of origin USA

Recommended air speed

Recommended air speed for EF2 is 1969 - 4331 fpm (10 - 22 m/s).

AIRFLOW

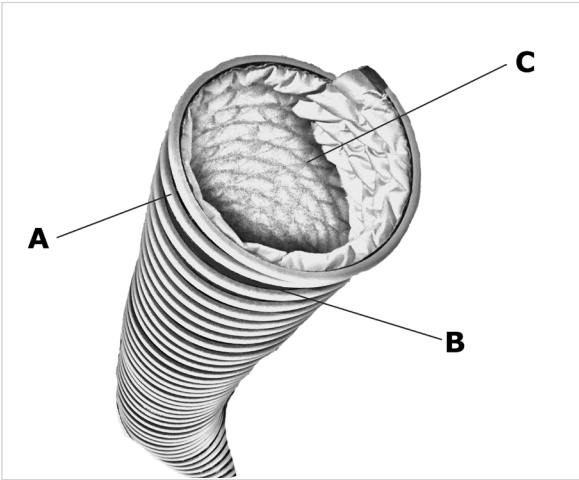


Example: for a 5 in. (125 mm) EG2 hose with airspeed of 2950 FPM (15 m/s), the pressure drop per inch per 100 feet is 6 and air volume is 350 CFM (10 m³/m).

FEATURES & BENEFITS

- Abrasion resistant
- Extremely flexible
- Super lightweight
- Vibration resistant
- Highly flexible and compressible (1:5 ratio)
- High resistance to mechanical loadings
- Flame retardant (designed to handle flammable dust and particles)

CONSTRUCTION



A	external helix galvanized steel with additional plastic abrasion wear strip (yellow)
B	neoprene-coated polyester fabric (black)
C	wall special coated, heat resistant fabric (black)

AIRFLOW VOLUME: GENERAL GUIDELINES		
Vehicles Serviced	cfm (m³/h)	Hose Diameter
Automobile	270-300 (460-510)	4 in. (100 mm)
Motorcycle	600-650 (1020-1105)	6 in. (150 mm)
Trucks (Public Works, Rental Fleets, etc.)	500-550 (850-935)	5 in. (125 mm)
Heavy Duty Trucks	650-800 (1020-1360)	6 in. (150 mm)
Off-Road (Constr., Compressor Tests, etc.)	700-800 (1190-1360)	8 in. (200 mm)

Note: These guidelines will vary based on types of vehicles and service work being performed. If the facility conducts Dyno Testing, CFM will vary based on types of vehicles and length of test period. Please refer to the Plymovent Vehicle Exhaust Extraction System Design Guide for more details.

REMAINING SPECIFICATIONS

Art. no.	Dimensions	Length	Weight
0000116433 710120	Ø 4 in. (100 mm)	16 ft (5 m)	13 lbs (5,9 kg)
0000116434 710121	Ø 4 in. (100 mm)	25 ft (7,5 m)	19.4 lbs (8,8 kg)
0000116435 710122	Ø 4 in. (100 mm)	33 ft (10 m)	26 lbs (11,8 kg)
0000116436 710123	Ø 4 in. (100 mm)	41 ft (12,5 m)	33.2 lbs (15 kg)
0000116437 710124	Ø 5 in. (125 mm)	16 ft (7,5 m)	14.4 lbs (6,5 kg)
0000116438 710125	Ø 5 in. (125 mm)	25 ft (7,5 m)	22.5 lbs (10,2 kg)
0000116439 710126	Ø 5 in. (125 mm)	33 ft (10 m)	29.7 lbs (13,5 kg)
0000116440 710127	Ø 5 in. (125 mm)	41 ft (12,5 m)	36.9 lbs (16,7 kg)
0000116441 710128	Ø 6 in. (150 mm)	16 ft (5 m)	16.6 lbs (7,5 kg)
0000116442 710129	Ø 6 in. (150 mm)	25 ft (7,5 m)	26 lbs (11,7 kg)
0000116443 710130	Ø 6 in. (150 mm)	33 ft (10 m)	34.3 lbs (15,6 kg)
0000116444 710131	Ø 6 in. (150 mm)	41 ft (12,5 m)	42.6 lbs (19,3 kg)
0000116445 710132	Ø 8 in. (200 mm)	16 ft (5 m)	20.6 lbs (9,3 kg)
0000116446 710133	Ø 8 in. (200 mm)	25 ft (7,5 m)	32.8 lbs (14,9 kg)
0000116447 710134	Ø 8 in. (200 mm)	36 ft (11 m)	47.2 lbs (21,4 kg)

Product type	EF2™
Article no.	see remaining specifications
Product category	hoses
Version	300418/1

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