

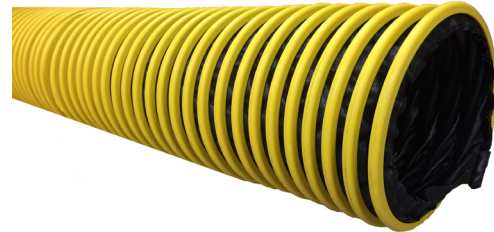
EG2

EXHAUST HOSE

The Exhaust Gas Hose (EG2) is used with Plymovent vehicle exhaust systems. Designed to extract hazardous fumes generated by gasoline and diesel engines, EG2 is made up of an external steel helix and composite fabric that can endure exhaust gas temperatures of up to 350 °F (177 °C) continuous.

Intermittently, the EG2 hose can endure 400 °F (204 °C) provided there is approximately 50% of fresh air supplied.

Please note this hose is available only in North America.



APPLICATIONS

The EG2 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"> • neoprene-coated polyester fabric • external helix made up galvanized steel with additional plastic abrasion (yellow)
<ul style="list-style-type: none"> • Hose wall • Spiral 	

Diameters available 4 to 8 in. (100 to 200 mm)

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

Ambient conditions

Operating temperature	<ul style="list-style-type: none"> • continuous: up to 350°F (177°C) • intermittent: up to 400°F (204°C)
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Standard lengths

Available in 16 ft. (4.9 m), 25 ft. (7.6 m), 33 ft. (10 m) and 41 ft. (12 m). Custom lengths available upon request.

Product combinations

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

Options and accessories

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

Order information

Article no.	See remaining specifications
Number (package)	1

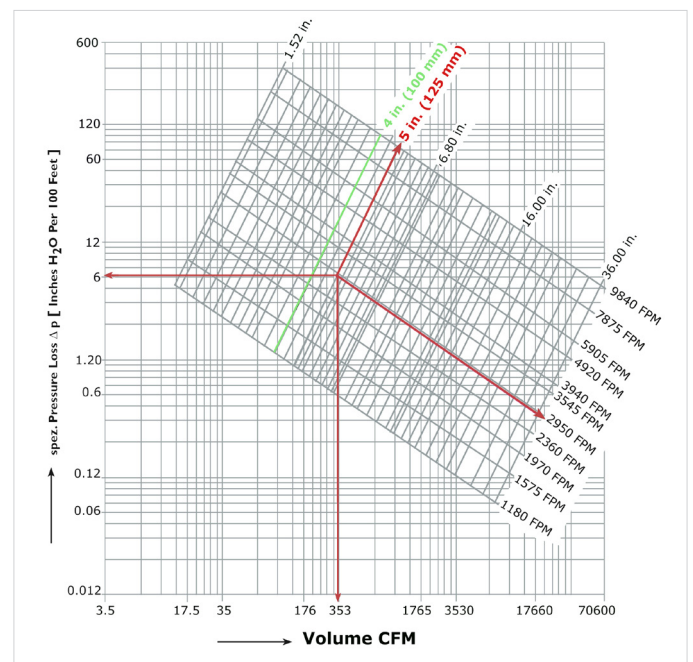
Shipping data

Gross weight	See remaining specifications
Country of origin	USA

Recommended air speed

Recommended air speed for EG2 is 2000 to 4350 ft/m (10 to 22 m/s).

AIRFLOW

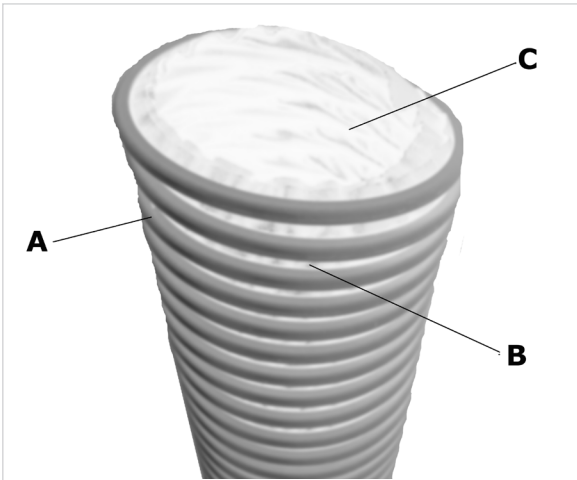


Example: for a 5 in. (125 mm) EG2 hose with airspeed of 2950 FPM (15 m/s), the pressure drop per inch per 100 feet is 6 and air volume is 350 CFM (10 m³/m).

FEATURES & BENEFITS

- Abrasion resistant
- Extremely flexible
- Super lightweight
- Vibration resistant
- Highly flexible and compressible (5:1 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)

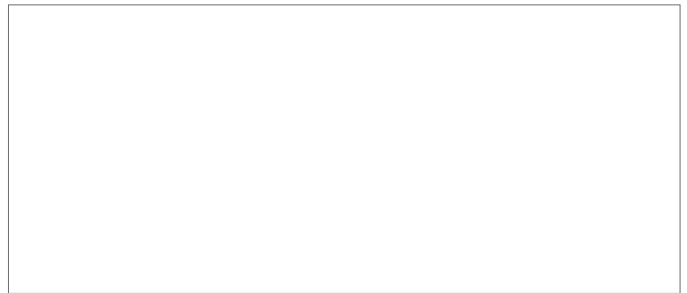
AIRFLOW VOLUME: GENERAL GUIDELINES		
Vehicles Served	cfm (m ³ /h)	Hose Diameter
Automobile	270-300 (460-510)	4 in. (100 mm)
Motorcycle	600-650 (1020-1105)	6 in. (150 mm)
Trucks (Public Works, Rental Fleets, etc.)	500-550 (850-935)	5 in. (125 mm)
Heavy Duty Trucks	650-800 (1105-1360)	6 in. (150 mm)
Off-Road (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
0000110160	Ø 4 in. (100 mm)	16 ft (4.9 m)	8.5 lbs (3.9 kg)
0000110161	Ø 4 in. (100 mm)	25 ft (7.6 m)	12.7 lbs (5.8 kg)
0000110162	Ø 4 in. (100 mm)	32 ft (9.8 m)	17 lbs (7.7 kg)
0000110163	Ø 4 in. (100 mm)	41 ft (12.5 m)	21.7 lbs (9.8 kg)
0000110164	Ø 5 in. (125 mm)	16 ft (4.9 m)	10.2 lbs (4.6 kg)
0000110165	Ø 5 in. (125 mm)	25 ft (7.6 m)	15.4 lbs (7.0 kg)
0000110166	Ø 5 in. (125 mm)	32 ft (9.8 m)	20.4 lbs (9.3 kg)
0000110167	Ø 5 in. (125 mm)	41 ft (12.5 m)	26.2 lbs (11.9 kg)
0000110168	Ø 6 in. (150 mm)	16 ft (4.9 m)	15.7 lbs (7.1 kg)
0000110169	Ø 6 in. (150 mm)	25 ft (7.6 m)	23.5 lbs (10.7 kg)
0000110170	Ø 6 in. (150 mm)	32 ft (9.8 m)	31.4 lbs (14.2 kg)
0000110171	Ø 6 in. (150 mm)	41 ft (12.5 m)	40.2 lbs (18.2 kg)
0000115827	Ø 8 in. (200 mm)	25 ft (7.6 m)	29.5 lbs (13.4 kg)

Plymovent Authorized Distributor:



Product type	EG2™
Article no.	See remaining specifications
Product category	Hoses
Version	18APR2023/B

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