

SNF2

EXHAUST HOSE

The Plymovent Silicone/Nomex®/Fiberglass Hose (SNF2) is a light-weight, high temperature double ply exhaust hose that is ideally suited for Plymovent hose reels or fixed extractor units.

The SNF2 hose can endure temperatures of up to 600°F (315°C) continuous. Intermittently, the SNF2 hose can endure 1250°F (670°C), provided fresh air is supplied. The SNF2 hose is designed to extract hazardous fumes generated by gasoline and diesel engines.

Please note this hose is available only in North America.



APPLICATIONS

The SNF2 is intended to be used for the following applications:



- Fleet maintenance service facilities and mass transit service garages in which heavy-duty vehicles are generating high-temperature exhaust fumes.

SPECIFICATIONS

Physical dimensions and properties

Material	<ul style="list-style-type: none"> • Hose wall • Double-ply fabric hose with an iron oxide silicone coated fiberglass inner layer (red) and a silicone coated Nomex® outer layer (black) • Spiral • spring steel wire helix and external filament fiberglass cord (black)
Diameters available	4 to 8 in. (100 to 200 mm)

Ambient conditions

Operating temperature	<ul style="list-style-type: none"> • continuous: up to 600°F (315°C) • intermittent: up to 1250°F (677°C)
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Recommended lengths

Recommended lengths are 12 ft. (3.7 m) increments because of the manufacturing process applied. Custom lengths available upon request.

Product combinations

Hose Drops / Reels	<ul style="list-style-type: none"> • FE/FEB • SER/MER/MER/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

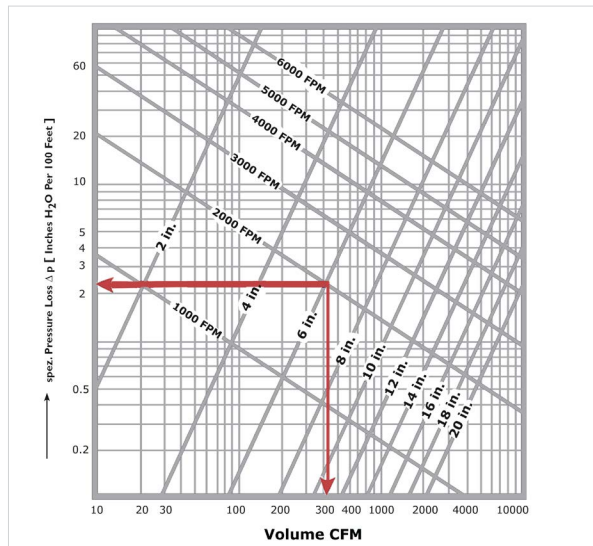
Shipping data

Gross weight	see remaining specifications
Country of origin	USA

Recommended air speed

Recommended air speed for SNF2 is 2000 to 4350 ft/m (10 to 22 m/s).

AIRFLOW

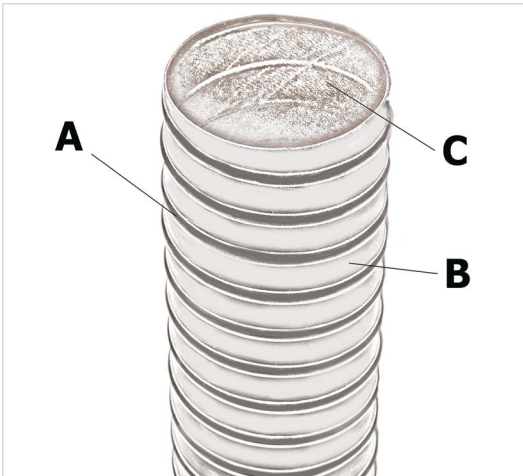


Example: for a 6 in. (150 mm) SNF2 hose with airspeed of 2000 FPM (10 m/s), the pressure drop per inch is 2.5 Pa and air volume is 300 CFM (8 m³/m).

FEATURES & BENEFITS

- Vibration resistant
- Flame-resistant to UL94 criteria
- Compression ratio is 5:1
- Nomex® fabric material increases flexibility, material life and abrasion resistance
- Internal spring steel wire helix allows for a tight bending radius while maintaining a smooth interior
- Ideal for situations which call for flexing, as with hose reels and fixed extractor systems
- Resistant to most oils, solvents, ozone, water, fungus and alkalis

CONSTRUCTION



A	spring steel wire helix (black)
B	silicone coated Nomex® outer layer (black)
C	iron oxide silicone-coated fiberglass inner layer (red)

Airflow Volume: General Guidelines		
Vehicles Serviced	m ³ /h (cfm)	Hose Diameter
Automobile	460-510 (270-300)	100 mm (4 in.)
Motorcycle	1020-1105 (600-650)	150 mm (6 in.)
Trucks (Public Works, Rental Fleets, etc.)	850-935 (500-550)	125 mm (5 in.)
Heavy Duty Trucks	1020-1360 (650-800)	150 mm (6 in.)
Off-Road (Constr., Compressor Tests, etc.)	1190-1360 (700-800)	200 mm (8 in.)

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
0000116352 710020	Ø 4 in. (100 mm)	Custom length in 12 foot (3,7 m) increments	0.5 lbs/ft. (0,75 kg/m)
0000116353 710021	Ø 5 in. (125 mm)	Custom length in 12 foot (3,7 m) increments	0.6 lbs/ft. (0,90 kg/m)
0000116354 710022	Ø 6 in. (150 mm)	Custom length in 12 foot (3,7 m) increments	0.65 lbs/ft. (0,99 kg/m)
0000116355 710023	Ø 8 in. (200 mm)	Custom length in 12 foot (3,7 m) increments	0.80 lbs/ft (1,2 kg/m)

Plymovent Authorized Distributor:

Product type	SNF2™
Article no.	see remaining specifications
Product category	hoses
Version	060219/2

Always check the latest version on www.plymovent.com