

# Novaflex®

# Silicone Duct

## MB-SF

This premium duct is constructed of 2 ply woven fiberglass coated with silicone rubber. The inner and cover plies are high temperature bonded and wire encapsulated to provide maximum flexibility and serviceability.

### Applications include:

Medium pressure air-handling; handling of hot air and combustion by-products.

### Construction:

- Material: 2 ply fiberglass, silicone coated
  - Construction: Hi-temp bonded, wire encapsulated
  - Sizes: 2" to 24" I.D. Larger sizes available
  - Standard length: 25 ft. Bend radius: 1.5 x ID
  - Weight: 6" ID = .82 lbs/ft.
  - Temperature Range: -60°F to +500°F (600°F intermittent)
  - Compression ratio: 2:1
- (Available with or without external wearstrip)

*n.b. This duct is NOT recommended for hose reels - please see the MB-SN product range.*



## Construction

## Application

1 ply silicone fiberglass hose*	Most economical silicone duct. Suitable for stationary to low flexing high temperature exhaust control. (93MBSFX102.000X)
2 ply silicone fiberglass hose*	2 plies for added service life. A popular style for stationary or low movement high temperature exhaust control applications. (93MBSFX202.000X)
2 ply reinforced silicone fiberglass hose*	Added reinforcement between plies offers better memory in applications involving flexing. (93MBSFR202.000X)
2 ply reinforced silicone fiberglass hose with 1 ply silicone nomex wearstrip*	An all around high temperature fume control duct features added reinforcement for better memory and an external 1 ply silicone/nomex wearstrip for abrasion resistance. (93MBSFR202.000N)
2 ply reinforced silicone fiberglass hose with black profile wearstrip*	A tough all around silicone duct. Molecularly bonded wearstrip offers superior abrasion resistance. Encapsulated reinforcement provides for superior flex memory. (93MBSFR202.000B)

*\*Not for use with garage hose reels or constant flexing applications*

I.D.	2	3	4	5	6	8	10	12
Working Pressure/PSI	24	19	16	14	11	7	5	4
Negative Pressure Inch. H.g	20	14	10	8	6	3	1.5	1
Weight per Foot	.3	.45	.6	.75	.9	1.2	1.5	1.8

The information provided within is for informational purposes only. We have made every effort to ensure the accuracy of the provided information and assume no responsibility for any loss or damage due to errors or omissions or to the use or misuse of any information supplied. It is impossible to test all products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all products under the conditions that duplicate the service conditions prior to installation. All improvements, all specifications are subject to change without prior notice. It is the buyer and/or end users' responsibility to review our complete Terms and Conditions of Sale located on our web sites at: [www.novaflex.com](http://www.novaflex.com) | [www.z-flex.com](http://www.z-flex.com) | [www.flexmaster.com](http://www.flexmaster.com).

03.2022

## IN USA

**North Carolina**  
449 Trollingwood Road  
Haw River, NC 27258  
tel (336)578-2161  
fax (336)578-5554  
800-334-4270

**New Jersey**  
1024 Industrial Drive  
West Berlin, NJ 08091  
tel (856)768-2275  
fax (856)768-2385  
800-225-0215

**Indianapolis**  
7812 Moller Road  
Indianapolis, IN 46268  
tel (317)334-1444  
fax (317)334-1535  
800-526-6288

## IN CANADA

**Ajax, Ontario**  
555 Beck Crescent  
Ajax, ON L1Z 1C9  
tel (905)686-5200  
fax (905) 686-8349  
800-563-3539

## IN U.K.

**Bromborough, Wirral**  
18 Plantation Park 2, Power Road  
Bromborough, Wirral UK CH62 3QT  
tel 44(0)151-334-0873  
fax 44(0)151-334-7145  
[www.novaflex.co.uk](http://www.novaflex.co.uk) Email: [sales@novaflex.co.uk](mailto:sales@novaflex.co.uk)