

# INFORMATIONAL DATA

## FABRI-FLEX WHAT MAKES IT SO UNIQUE?

### 'BUILT-IN' SCUFF STRIP

Our studies have shown that a full 50% of the wear on a fabric comes from external abrasion. With FABRIFLEX this problem is minimized — all FABRIFLEX ducts are constructed with a patented exterior helix which gives the ducting the strength, durability and scuff-resistance of sheet metal while retaining the flexibility of fabric.

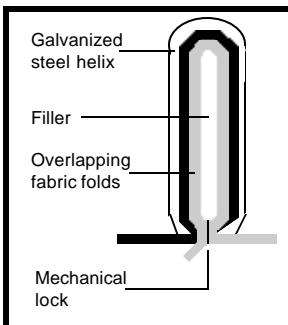
Because the metal helix is locked to the outside of the fabric, the inner surface of the duct is free from obstructions and the metal band effectively prevents exterior wear out.

FLEXMASTER builds this scuff strip right into the fabric at no additional cost and its steel or aluminum construction will outlast any plastic substitutes offered elsewhere.

### 'ADHESIVE-FREE' CONSTRUCTION

FABRIFLEX is manufactured by a mechanical process without the use of adhesives. This enables our standard ducts to operate at higher temperatures than conventional ducts because there is no worry of glue melting down or burning.

FABRIFLEX will not separate or unwind like conventional ducting material and the mechanical locking process allows us to use a virtually endless variety of coated fabrics in construction. Compatibility of fabric to bonding is never a problem with FABRIFLEX's patented exterior helix.



FLEXMASTER builds FABRIFLEX ducting with the patented mechanical lock instead of the conventional method which uses encapsulated wire. Conventional flexible ducts are made with a light coated fabric. To give abrasion resistance the ducts are dipped in a bath of liquid rubber then hung up to dry. During the drying process the liquid rubber may run, leaving an inconsistent coating. FLEXMASTER uses fabrics which are factory coated prior to being formed into a duct. The correct weight of coating is applied under carefully controlled conditions in accordance with our specifications. As a result, FABRIFLEX generally has greater flexibility, strength and abrasion resistance than conventional products. As well, its resistance to external scuffing and rough handling is vastly superior to any other construction.

### EASY TO HANDLE

FABRIFLEX ducting will not take up too much space when it is not in use because its unique construction allows for it to compress to a fraction of its original length. For example, lightweight ducts will compress 80%, while the heavier ducts will compress 67%. In this condition, the FABRIFLEX duct is virtually indestructible, easy to handle and convenient to store or ship.

### FABRIFLEX:

- Will not oval or bend, balloon or collapse at recommended positive and negative pressures.
- Will not separate or unwind like conventional ducting material.
- Is available in a wide variety of materials and sizes.

All the information contained herein is, to the best of our knowledge, true and correct. No warranty either expressed or implied is made.

*To maintain Buckley's policy of continuous improvement, we reserve the right to change prices, specifications, ratings or dimensions without notice or obligation. Manufactured by Sheet Metal Union Local 17.*

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