



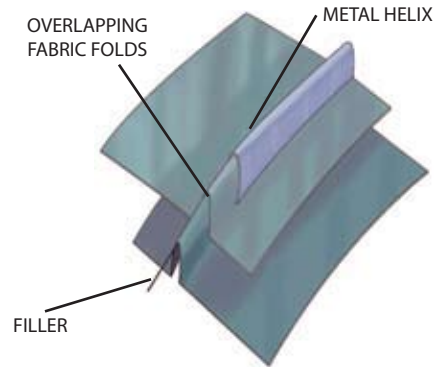
5235 Ted Street, Houston, Texas 77040,  
713 / 462-7694, Fax 713 / 939-8441

### TYPE NI-85 NON-INSULATED



CPE FABRIC

MECHANICAL  
LOCK HELIX



OVERLAPPING  
FABRIC FOLDS

METAL HELIX

FILLER

### CONSTRUCTION FEATURES

Flexmaster's **Type NI-85** is manufactured to meet the highest quality standards in strength, permeability and fire resistance required in a flexible air duct. This non-insulated, UL-181 / ETL Class I Connector is designed for application in a low to medium pressure HVAC air distribution system.

#### DUCT FABRIC

A CPE fabric. Mechanically Locked Without Adhesives. Durable and Scuff Resistant.

#### HELIX

Corrosive Resistant Galvanized Steel, Formed and Mechanically Locked to Fabric. Supporting Outside Metal Helix, Retains Flexibility.

### TECHNICAL DATA

**Standard lengths (feet)**.....25'; Special lengths on request

**Inside Diameter (Inches)**.....3",4",5",6",7",8",9",10",  
12",14",15",16",18",20"

**Inside Bend Radius (inches)**.....1/2 x I.D. (All Sizes)

**Air Friction Loss**.....See Friction Loss Chart

**UL Listing**.....UL 181 / ETL Class 1 Air Duct

**Standard, Codes**.....NFPA 90A and 90B, BOCA, SBBC  
HUD/FHA, MIN Property Std.

**Rated Velocity**.....5500 F.P.M.

**Internal Working Pressure (W.G.)**.....6" w.g. positive  
5" w.g. negative thru 16" Dia.

**Minimum Burst Pressure**.....2 1/2 times working pressure

**Operating Temperature Range**.....-20° to +250°F

**Flame Spread**.....Less than 25

**Smoke Developed**.....Less than 50

JOB NAME \_\_\_\_\_ LOCATION \_\_\_\_\_

ENGINEER \_\_\_\_\_ CONTRACTOR \_\_\_\_\_

JOB \_\_\_\_\_ P.O. NUMBER \_\_\_\_\_ SUBMITTED BY \_\_\_\_\_

COMMENTS \_\_\_\_\_