



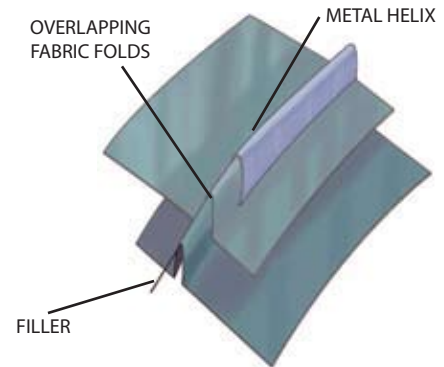
5235 Ted Street, Houston, Texas 77040,
713 / 462-7694, Fax 713 / 939-8441

TYPE NI-55 NON-INSULATED



TRILAMINATE FABRIC

MECHANICAL
LOCK HELIX



OVERLAPPING
FABRIC FOLDS

METAL HELIX

FILLER

CONSTRUCTION FEATURES

Flexmaster's **Type NI-55** 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 Trilaminate of Aluminum Foil, Fiberglass and Aluminized Polyester. 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.).....10" w.g. positive
10" w.g. negative thru 12" Dia.
5" w.g. negative, 14" & 16" Dia.
1" w.g. negative, 18" & 20" 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 _____