



# SHEET METAL CONNECTORS, INC.

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Submittal Sheet

## R4.2 INSULATED FLEXIBLE DUCT



Our premium insulated duct has a double ply, metalized polyester vapor barrier with Tri-Directional reinforcements.

UPC #030 – Double ply polyester core. R-Value = 4.2

### PERFORMANCE DATA

**Rated Positive Pressure:** 10" w.g. per U.L. 181

**Recommended Operating Pressures:** 6" w.g. pos., 4"-12" dia., 4" w.g. pos., 14"-20" dia.; 3/4" w.g. neg., all dia.

**Velocity:** 5,000 FPM

**Standard Diameters:** 4"-20"

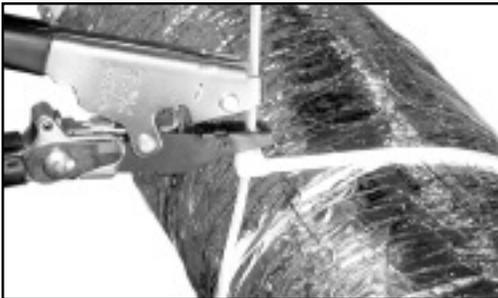
**Flame Spread/Smoke Developed:** Less than 25/ Less than 50

**Standard Lengths:** 25'

\*R-Values are classified by Underwriters Laboratories Inc., in accordance with the ADC Flexible Duct Performance and Installation Standards (1991) using ASTM C-518 at installed wall thickness on flat insulation only.

**Code Compliance – UL 181, NFPA 90A & 90B, SBCC, ICBO, BOCA, HUD 515-2.1(b)**

## HEAVY DUTY FLEXIBLE DUCT TIES



Duct Ties are made from nylon in two sizes: 36" for 10"-15", and 48" for 15"-20". Featuring a head design that easily accepts the strap end and requires low insertion force, these straps provide 225lbs. average loop tensile strength for secure installation.

UL recognized, Duct Ties are packaged 25 per bag. They can be installed by hand using the installation tool, which tensions and then cuts.

## TENSIONING TOOL



For continuous use on-the-job. The Tensioning Tool is designed for a heavy user of nylon ties. An adjustment knob allows installer to set desired tension for securing flex duct to a take-off collar. When the tie is tight, a breakaway spring mechanism releases the tool's lower handle, causing the blade to engage and automatically flush cut off the excess tail of the nylon tie. No extra operation for manual trimming is required. Works on all ties including thin designs.

Operating the Tensioning Tool is easy on the installer too! Contoured handles, with stops, are easier to grasp. Also, smooth lever action and vinyl cushion grips minimize hand and arm fatigue on big jobs.

The Tensioning Tool features a hardened steel body, long wearing parts, and a weather resistant nickel chrome finish to assure many years of dependable service.