

Eliminate Kinks in
Air Ducts, Increase Efficiency

**Flexible
Duct
Support**

Malco®



SL16228

**Quickly installs on New
or existing Flexible Duct
to support a 90° elbow.**



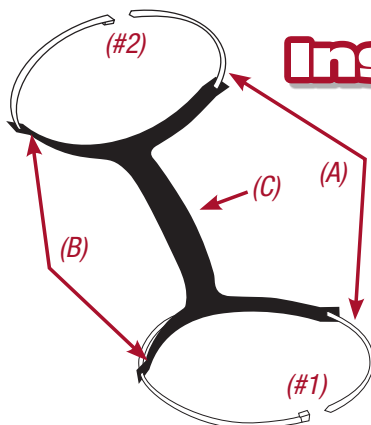


Flexible Duct Support

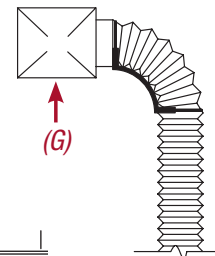
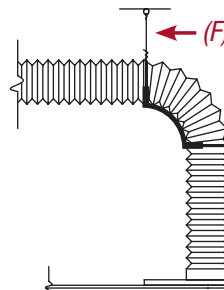
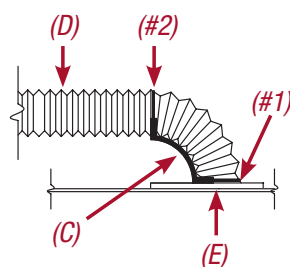


- Eliminates air flow restrictions from kinks and sags.
- Increases efficiency, reduces utility bills, improves room comfort.
- Accommodates 4 -16 inch diameter, insulated or un-insulated duct.
- Strong, lightweight 100% recycled polymer construction will not weigh down ducting.
- Uses 36 and 48 inch nylon cable/zip ties (Malco TY34 and TY48).
- UL Classified 2043 and GreenSpec Listed.

Flexible fiberglass wool duct is a popular choice for residential and commercial heating and cooling. But this versatile duct is often susceptible to kinks and sags that restrict air flow. The Malco FDS1 Flexible Duct Support eliminates air flow restrictions and increases efficiency to dramatically reduce utility bills and improve heated or air-conditioned room comfort. A properly supported 90° duct elbow typically improves air flow efficiency 10 to 40%. A Malco Duct Support quickly installs on new or existing flexible duct. The versatile FDS1 design uses either 36 or 48 inch nylon cable/zip ties to accommodate 4 inch to 16 inch diameters of flexible fiberglass wool duct as well as un-insulated flexible duct. And the strong, but lightweight, 100% recycled polymer support will not weigh down ducting.



Installation:



1. Thread cable ties (A) through each arm (B) of elbow support (C). Do not fasten cable ties yet.
2. Position Support (C) under Flexible Duct (D). Securely fasten tie (#1) around neck of fitting (E).
3. Wrap cable tie (#2) around Flexible Duct (D) and fasten loosely. (Do not crush flexible duct).
4. Optional installations include suspending from structure (F) or equipment (G).

Specifications

Flexible Duct Support

| Catalog Number | Description | Tie Requirements per Duct Diameter | | Nominal Dimensions in. (cm) | Net Weight oz. (g) |
|----------------|-----------------------|------------------------------------|----------------------|-------------------------------------|--------------------|
| | | Duct Diameter | Number of Ties | | |
| FDS1 | Flexible Duct Support | 4-10 in. (10.2-25.4 cm) | 2) 36 in. (91.4 cm) | 15 x 11-1/4 x 3 (38.1 x 28.6 x 7.6) | 3 (85) |
| | | 12-14 in. (30.5-35.6 cm) | 2) 48 in. (121.9 cm) | | |
| | | 16 in. (40.6 cm) | 4) 36 in. (91.4 cm) | | |

Nylon Ties & Tie Tools

| Catalog Number | Description | Max. Dia. in. (mm) | Length in. (mm) | Net wt. oz. (g) |
|----------------|------------------------|--------------------|-----------------|-----------------|
| TY34 | Adjustable Nylon Tie | 10 (254) | 36 (914) | N/A |
| TY48 | Adjustable Nylon Tie | 15 (381) | 48 (1219) | N/A |
| TY4 | Tie Tool | N/A | 6 (152) | 10 (28) |
| TY4G | Tie Tool, Gripped | N/A | 6 (152) | 11 (312) |
| TY6 | Tie Tool, Auto Cut-Off | N/A | 8-1/2 (216) | 15 (425) |

