COMMERCIAL GRADE
3" metal, 3" fabric, 3" metal
Gauge of Steel: 24 Gauge **
Gauge of Steel: 28 Gauge **
- Cain
- Commercial & Industrial Applications

ECONOMY GRADE
2 3/4" metal, 3" fabric, 3 3/4" metal
Gauge of Steel: 29 Gauge **
Gauge of Steel: 30 Gauge **
- Cain
- Commercial & Industrial Applications

RESIDENTIAL GRADE
1 3/8" metal, 2" fabric, 1 3/8" metal
Gauge of Steel: 28 Gauge **
- Cain
- Light Commercial & Residential Applications

TC/CT/FDF COMMERCIAL GRADE
- Designed to be compatible with both TDC (Lockformer) and TDF (Engel) roll forming range - Featuring matching 3" metal, 3" fabric, 3" metal
- Gauge of Steel: 24 Gauge **
- Cain
- Commercial & Industrial Grade

FABRIC ONLY, WITHOUT METAL
- Any questions remaining may be answered by your local factory representative, or call Cain direct, to talk with our engineers.
- Cain Duct Connectors are pre-assembled with the (24 gauge or 28 gauge**) sheet metal permanently secured to fabric by means of Cain’s "Flex-Loc" or optional "S-Loc" seam locks.
- Cain Flexible Duct Connectors are produced in continuous coils of 50', 100' or 150' long and are shipped in convenient dispenser cartons.
- * Some products, also available in aluminum or stainless.
- ** Cain metals meet ASTM 924/653
- FABRIC SELECTION CHART

Cain Instant Vane Rail, ends of 24 gauge (28 gauge*) G-10 galvanized steel slotted and stamped on precision locking ensuring uniform vane spacing. Cain Instant Vane Rail allows workers to economically construct vane assemblies in just minutes. Cain Instant Vane Rail provides a tough metal-to-fabric bond. Vane guide activities around turns without the normal turbulence or pressure drops associated with open-angle turns. With Cain Instant Vane Rail, which is a pre-fabricated side rail, no labor is needed. Vanes are quickly assembled with only a blow of a ball peen hammer. Efficient, inexpensive, air turning vane assemblies are fabricated in just minutes adding strength and sturdiness to the finished flexible duct system. Economical air turbulence and pressure drop.

Cain Flexible Ductboard is gaining in popularity everywhere we go. For our customers who use ductboard we offer Fiberglass Turning Vanes designed especially for you. Cain Fiberglass Vane is a top of the line vane designed to speed your air flow through those 90° elbows without a sound. We call it a Silent Vane just for that reason. No side rail is needed to position our vane, just use our vane chart and our duct board vane cutter and save the side rail cost - Huge! Our competitors won’t like it because with them you must buy your side rail too - sorry fellows, but our customers enjoy the savings.

How to select the proper type of Flexible Duct Connector for your installation!

To meet every type of application requirement, Cain has developed the FABRIC SELECTION CHART for a quick comparison of the many types of fabric currently available. Whether for institutional, factory, office or residential, Cain offers just the right fabric. Cain Duct Connectors are pre-assembled with the (24 gauge or 28 gauge**) sheet metal permanently secured to fabric by means of Cain’s "Flex-Loc" or optional "S-Loc" seam locks.

FIBERGLASS TURNING VANE

FLEX-O-LUX
The double-lok-stopping features of Cain Flex-Loc add tremendous holding power to the vane assembly and the precision roll forming methods. Cain connectors are tight for easy making, cutting and fabrication. Flex-Loc is standard on Commercial Duct Connector. Plain seam without notches also available upon request.

S-LOC
Shielded with metal on both sides of the vane, S-LOC forms a tough metal-to-fabric bond. The S-LOC vane is a top of the line vane designed to speed your air flow through those 90° elbows without a sound. We call it a Silent vane just for that reason. No side rail is needed to position our vane, just use our vane chart and our duct board vane cutter and save the side rail cost - Huge! Our competitors won’t like it because with them you must buy your side rail too - sorry fellows, but our customers enjoy the savings.

INSTANT VANE RAIL
Cain Instant Vane Rail and Side Rail open up a new and more convenient way to solve your vane construction problems. Time is money - and even the smartest of us are looking for ways to cut costs. No longer is it cost effective to have your sheetmetal mechanics make your own vane. With Cain high speed roll formed vanes the cost can be less than having your people make vanes from scrap. Whether 2 inch, 4 inch or 4 1/2-inch-acoustic vane, Cain can supply your needs. Why not convince yourself - Cain Duct Connectors are produced in continuous coils of 50', 100' or 150' long and are shipped in convenient dispenser cartons.

HOLLOW TURNING VANE
Cain Hollow Turning Vane and Side Rail open up a new and more convenient way to solve your vane construction problems. Time is money - and even the smartest of us are looking for ways to cut costs. No longer is it cost effective to have your sheetmetal mechanics make your own vane. With Cain high speed roll formed vanes the cost can be less than having your people make vanes from scrap. Whether 2 inch, 4 inch or 4 1/2-inch-acoustic vane, Cain can supply your needs. Why not convince yourself - Cain Duct Connectors are produced in continuous coils of 50', 100' or 150' long and are shipped in convenient dispenser cartons.

IN SU LATED - ALL WEATH ER
Gauge of Steel; 24 Gauge .024" Galv.
- Cain
- Commercial & Industrial Grade

ECO N O M Y G RADE
2 3/4" metal, 3" fabric, 3 3/4" metal
Gauge of Steel: 24 Gauge **
Gauge of Steel: 28 Gauge **
- Cain
- Commercial & Industrial Grade

G AUGE OF STEEL
24 Gauge .024" Galv.
3" Metal, 3" Fabric, 3" Metal
- Cain
- Commercial & Industrial Grade

RESIDENTIAL GRADE
1 3/8" metal, 2" fabric, 1 3/8" metal
Gauge of Steel: 28 Gauge **
- Cain
- Light Commercial & Residential Applications

CONSTRUCTION GRADE
1 3/8" metal, 2" fabric, 1 3/8" metal
Gauge of Steel: 24 Gauge **
Gauge of Steel: 28 Gauge **
- Cain
- Commercial & Industrial Applications

S-LO C

CONSTRUCTION GRADE
1 3/8" metal, 2" fabric, 1 3/8" metal
Gauge of Steel: 24 Gauge **
Gauge of Steel: 28 Gauge **
- Cain
- Commercial & Industrial Applications

IN SU LATED - ALL WEATH ER
Gauge of Steel; 24 Gauge .024" Galv.
- Cain
- Commercial & Industrial Grade

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Gauge of Steel: 28 Gauge **
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FABRIC SELECTIO N  CHART

Flexible Duct Connector
The size and type of heating, air conditioning, or ventilation system being installed will determine the proper type of Flexible Duct Connector required. The proper fabric can be easily determined by using the FABRIC SELECTION CHART after careful consideration of the installation requirements, such as pressure of the system, temperature range, indoor or outdoor installation, proximity to chemicals or fumes, and approvals required, such as: NFPA, UL, City of Los Angeles, Government/Military specifications or California Fire Marshall approvals.

### FABRIC SELECTION CHART

<table>
<thead>
<tr>
<th>FABRIC</th>
<th>DESCRIPTION</th>
<th>APPROVALS</th>
<th>TECHNICAL DATA</th>
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<td>CANFLEX</td>
<td>Traditional Duct Fabric</td>
<td>By using the Marshall approvals.</td>
<td>FABRIC SELECTIO N CH ART</td>
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<td>Canvas Fabric</td>
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<tr>
<td>GLASSTONE</td>
<td>Glassstone Fabric</td>
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<tr>
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<td>Thermalon Fabric</td>
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<tr>
<td>FLEXIBLE DUCT CONNECTOR</td>
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</table>

### SUGGESTED SPECIFICATIONS

At inlet and discharge of all air handling equipment, and where indicated on drawings, furnish and install CAN Flexible Connectors of _____ oz/sq yd of fabric, having a weight of ____ oz/yd 2 of fabric, having a tensile strength of no less than ____ lbs. and a temperature range of ____ºF to ____. (Please refer to the FABRIC SELECTION CHART on next page).

Flexible Duct Connectors shall be pre-assembled ___ ft gauge, ___ ft gauge; Galv., Galval, Stainless, ___ wide to, ___ wide fabric, clamped by means of a roll formed double lock seam. Flexible Duct Connectors shall be of a grade: ___ Commercial ___ Economy ___ Residential ( ___ oz/sq yd ) as manufactured by Cain Manufacturing Company, Inc., Pelham, AL 35124.