## Flexible Duct Connector

**Vibration Preventing Duct Connector**

### Specifications
- Minimizes vibration and noise
- Available in Commercial and Residential
- Available with vinyl, neoprene, hypalon, silicone, and teflon fabrics
- Meets NFPA 90A & 90B, ASTM
- Fabrics meet NFPA 701
- 100 ft. per carton

### Fabric Specifications

<table>
<thead>
<tr>
<th>Grade</th>
<th>Composition</th>
<th>Gauge</th>
<th>Recommended Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial (Option 1)</td>
<td>3&quot; Metal 3&quot; Fabric 3&quot; Metal</td>
<td>24 ga. metal</td>
<td>Commercial and Industrial Applications</td>
</tr>
<tr>
<td>Commercial (Option 2)</td>
<td>3&quot; Metal 6&quot; Fabric 3&quot; Metal</td>
<td>28 ga. metal</td>
<td>Commercial and Industrial Applications</td>
</tr>
<tr>
<td>Economy</td>
<td>2 ½&quot; Metal 4&quot; Fabric 2 ½&quot; Metal</td>
<td>28 ga. metal</td>
<td>Light Commercial Applications</td>
</tr>
<tr>
<td>Residential</td>
<td>1 ¾&quot; Metal 3&quot; Fabric 1 ¾&quot; Metal</td>
<td>28 ga. metal</td>
<td>Residential and Light Commercial Applications</td>
</tr>
<tr>
<td>TDC/TDF Commercial</td>
<td>4&quot; Metal 4&quot; Fabric 4&quot; Metal</td>
<td>24 ga. metal</td>
<td>Commercial and Industrial Applications</td>
</tr>
</tbody>
</table>

### Packaging
- 100 ft. per box

### Fabric Specifications

<table>
<thead>
<tr>
<th></th>
<th>Vinyl</th>
<th>Vinyl Heavy</th>
<th>Neoprene Commercial</th>
<th>Neoprene Residential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Fabric</td>
<td>Woven polyester</td>
<td>Woven nylon</td>
<td>Woven fiberglass</td>
<td>Woven fiberglass</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
<td>Black</td>
<td>Black</td>
<td>Black</td>
</tr>
<tr>
<td>Weight</td>
<td>17.5 oz./sq. yd.</td>
<td>22 oz./sq. yd.</td>
<td>30 oz./sq. yd.</td>
<td>24 oz./sq. yd.</td>
</tr>
<tr>
<td>Tongue Tear</td>
<td>125/125 lbs.</td>
<td>150/150 lbs.</td>
<td>25/20 lbs.</td>
<td>25/20 lbs.</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>300/300 lbs.</td>
<td>500/400 lbs.</td>
<td>500/500 lbs.</td>
<td>500/500 lbs.</td>
</tr>
<tr>
<td>Low Temperature</td>
<td>-40°F</td>
<td>-40°F</td>
<td>-40°F</td>
<td>-40°F</td>
</tr>
<tr>
<td>High Temperature</td>
<td>180°F</td>
<td>200°F</td>
<td>200°F</td>
<td>200°F</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Hypalon</th>
<th>Silicone</th>
<th>Teflon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Fabric</td>
<td>Woven fiberglass</td>
<td>Satin weave fiberglass</td>
<td>Woven fiberglass</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
<td>Aluminum</td>
<td>Gray</td>
</tr>
<tr>
<td>Weight</td>
<td>24 oz./sq.yd.</td>
<td>17.5 oz./sq. yd.</td>
<td>18 oz./sq. yd.</td>
</tr>
<tr>
<td>Tongue Tear</td>
<td>20/15 lbs.</td>
<td>50/40 lbs.</td>
<td>60/40 lbs.</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>300/500 lbs.</td>
<td>200/150 lbs.</td>
<td>400/300 lbs.</td>
</tr>
<tr>
<td>Low Temperature</td>
<td>-50°F</td>
<td>-67°F</td>
<td>-67°F</td>
</tr>
<tr>
<td>High Temperature</td>
<td>250°F</td>
<td>500°F</td>
<td>500°F</td>
</tr>
</tbody>
</table>

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Power Lock
Protect Lock
Single Lock
# Flexible Duct Connector

## FABRIC SPECIFICATIONS

### VINYL (coated fabric)
- **Base Fabric:** woven polyester
- **Color:** black
- **Weight:** 17.5 oz./sq.yd.
- **Tongue Tear:** 125/125 lbs.
- **Tensile Strength:** 300/300 lbs.
- **Low Temperature:** -40°F
- **High Temperature:** 160°F
- **Features:**
  - Economical all-purpose fabric with excellent resistance to cuts, tears or abrasions
  - Flame retardant coating
  - Resistant to weather and most chemicals
  - Mildew resistant per ASTM G-21
  - Meets NFPA 701

### VINYL SUPER DUTY™ (coated fabric)
- **Base Fabric:** woven polyester
- **Color:** black
- **Weight:** 22 oz./sq.yd.
- **Tongue Tear:** 150/150 lbs.
- **Tensile Strength:** 500/400 lbs.
- **Low Temperature:** -40°F
- **High Temperature:** 160°F
- **Features:**
  - Strongest all-purpose fabric in the industry with excellent resistance to cuts, tears or abrasions
  - Flame retardant coating
  - Resistant to weather and most chemicals
  - Mildew resistant per ASTM G-21
  - Meets NFPA 701

### NEOPRENE COMMERCIAL (coated fabric)
- **Base Fabric:** woven fiberglass
- **Color:** black
- **Weight:** 30 oz./sq.yd.
- **Tongue Tear:** 25/20 lbs.
- **Tensile Strength:** 475/375 lbs.
- **Low Temperature:** -40°F
- **High Temperature:** 200°F
- **Features:**
  - Ideal for kitchen exhaust and fume hoods
  - Fire retardant coating with non-combustible fabric
  - Resistant to weather and most chemicals, fat, grease and oil
  - Mildew resistant per ASTM G-21
  - Meets NFPA 701 - UL 723 Compliant

### NEOPRENE RESIDENTIAL (coated fabric)
- **Base Fabric:** woven fiberglass
- **Color:** black
- **Weight:** 24 oz./sq.yd.
- **Tongue Tear:** 25/20 lbs.
- **Tensile Strength:** 475/375 lbs.
- **Low Temperature:** -40°F
- **High Temperature:** 200°F
- **Features:**
  - Ideal for kitchen exhaust and fume hoods
  - Fire retardant coating with non-combustible fabric
  - Resistant to weather and most chemicals, fat, grease and oil
  - Mildew resistant per ASTM G-21
  - Meets NFPA 701 - UL 723 Compliant

### HYPALON (coated fabric)
- **Base Fabric:** woven fiberglass
- **Color:** white
- **Weight:** 24 oz./sq.yd.
- **Tongue Tear:** 20/20 lbs.
- **Tensile Strength:** 400/300 lbs.
- **Low Temperature:** -50°F
- **High Temperature:** 250°F
- **Features:**
  - Ideal for outdoor applications; kitchen exhaust and fume hoods
  - Flame proof coating with non-combustible fabric
  - Resistant to weather and most chemicals, fat, grease and oil
  - UV Resistant
  - Mildew resistant per ASTM G-21
  - Meets NFPA 701 - UL 723 Compliant

### SILICONE (coated fabric)
- **Base Fabric:** satin weave fiberglass
- **Color:** white
- **Weight:** 17.5 oz./sq.yd.
- **Tongue Tear:** 50/40 lbs.
- **Tensile Strength:** 400 lbs. or better
- **Low Temperature:** -67°F
- **High Temperature:** 500°F
- **Features:**
  - Ideal for high temp applications
  - Flame proof coating with non-combustible fabric
  - Resistant to weather and most chemicals
  - Adversely affected by gas, Toluene, Acetone and grease
  - Mildew resistant per ASTM G-21
  - Meets NFPA 701 - UL 723 Compliant
  - FFDCA approved for use near food prep

### TEFLO® (coated fabric)
- **Base Fabric:** woven fiberglass
- **Color:** gray
- **Weight:** 18 oz./sq.yd.
- **Tongue Tear:** 60/40 lbs.
- **Tensile Strength:** 400/300 lbs.
- **Low Temperature:** -67°F
- **High Temperature:** 500°F
- **Features:**
  - Excellent chemical resistance
  - Excellent flexibility in extreme temperatures
  - Flame proof coating with non-combustible fabric
  - Mildew resistant per ASTM G-21
  - FFDCA approved for use near food prep