INDEX

CHEMICAL RESISTANCE CHART ........................................ 10-27 – 10-29

ENCAPSULATED FLEXIBLE DUCTING ........................................ 10-10
FAB 97T ........................................................................ 10-10
FAB 99 ........................................................................ 10-10

FABRIFLEX ........................................................................ 10-7 – 10-9
DUCTING ........................................................................ 10-2
TYPE 4 — NON INSULATED FIBERGLASS CLOTH FLEX .... 10-3
TYPE 5 — NON INSULATED FOIL FLEX ......................... 10-2
TYPE 6T — INSULATED FLEX ........................................ 10-4
TYPE 8T — INSULATED FLEX ........................................ 10-2

FLAME ABATEMENT DUCTING ........................................ 10-10
FLAME RETARDANT TPR ................................................ 10-10
SF-TPR ........................................................................ 10-10
VINYL BLOWER DUCT .................................................. 10-10

NOVAFLEX ........................................................................ 10-22
EXHAUST SYSTEM ACCESSORIES .................................... 10-22

EXTRUDED MATERIAL HANDLING HOSE .............. 10-25
HEAVY DUTY URETHANE VACUUM HOSE ................. 10-25
MEDIUM DUTY MATERIAL HANDLING HOSE ............ 10-26
MEDIUM DUTY MATERIAL TRANSFER HOSE .......... 10-26
MULCH HOSE ............................................................... 10-25
PVCX WITH STATIC WIRE ........................................... 10-26
SF-AGRI ........................................................................ 10-25
SF-HDAP ........................................................................ 10-25

YELLOW JACK PUMPER SANITATION HOSE ............ 10-26

GARAGE EXHAUST — INDOOR FUME CONTROL .... 10-19
MBSF — SILICONE FIBERGLASS .................................... 10-19
SILICONE NOMEX® DUCT ............................................. 10-19
U-LOK 401/U-LOK 420 ................................................. 10-19
U-LOK 440/U-LOK 440 HR ........................................... 10-19

GENERAL SERVICE DUCTS ........................................... 10-12
AF-1 ........................................................................... 10-12
SF-EVA ....................................................................... 10-12
U-LOK 100 ................................................................. 10-12
U-LOK 101 .................................................................. 10-12

HEAVY DUTY SERVICE DUCTING ................................. 10-17
AP60 ........................................................................... 10-17
SF-LFC – LEAF COLLECTOR ......................................... 10-16
SF-TPR-OC ................................................................ 10-17
SF-TPU ...................................................................... 10-16
U-LOK 1010 & U-LOK 1020 ........................................ 10-16
U-LOK 1030 ................................................................. 10-16

INDUSTRIAL FLEX ....................................................... 10-11
INTRODUCTION .......................................................... 10-11

NOVAFLEX (cont'd) ............................................................. 10-20

MEDIUM DUTY FUME CONTROL .................................. 10-20
U-LOK 500 .................................................................... 10-20
U-LOK 600 AND U-LOK 620 ........................................ 10-20
U-LOK 621 .................................................................... 10-20

MEDIUM SERVICE DUCTS ........................................... 10-14
AF-2 ........................................................................... 10-14
AF-2WS ..................................................................... 10-15
SF-PVC ...................................................................... 10-14
SF-TPR ...................................................................... 10-14
TPU STATIC DISSIPATING .............................................. 10-15
U-LOK 200 .................................................................... 10-14

SPECIALTY FUME CONTROL ....................................... 10-21
U-LOK 1100 ................................................................. 10-21
U-LOK 1105 ................................................................. 10-21
U-LOK 1115 ................................................................. 10-21

SPECIALTY METAL TUBING/HIGH TEMP FUME CONTROL .... 10-15
T-LOK 3003 .................................................................. 10-15
T-LOK 304, T-LOK 316, T-LOK 316TI ................................ 10-15

TEMPERATURE LOSS PROTECTION .......................... 10-24
DOUBLE WALL FITTING .................................................. 10-24
U-LOK 900 .................................................................... 10-24

ULTRA HIGH TEMPERATURE SERVICE ...................... 10-18
U-LOK 1000 ................................................................. 10-18
U-LOK 1500 ................................................................. 10-18
U-LOK 2000 ................................................................. 10-18

UTILITY FOOD GRADE .................................................. 10-13
SF-TPU ...................................................................... 10-13
U-LOK 1200 ACRYLIC ..................................................... 10-13

WELDING EXHAUST/UTILITY BLOWER DUCT ........... 10-23
CLEAR EXTRUDED PVC BLOWER DUCT ..................... 10-23
FLAME RETARDANT TPR .............................................. 10-23
U-LOK 4700 ................................................................. 10-23
VINYL BLOWER DUCT ................................................... 10-23

POLYETHYLENE SLEEVE — INSULATED ....................... 10-3

TRIPLE LOCK™ .............................................................. 10-6
ACOUSTIC FLEX DUCT .................................................. 10-6
T/L-A-T/L ................................................................... 10-6
T/L-A .......................................................................... 10-6

METAL ......................................................................... 10-5
T/L ............................................................................. 10-5
T/L SS ........................................................................ 10-5

THERMAL FLEX DUCT ..................................................... 10-6
T/L-T ........................................................................... 10-6
T/L-M ........................................................................... 10-6


ECCO Supply™ www.eccosupply.ca 10-1
FABRIFLEX TYPE 5 — NON INSULATED FOIL FLEX

- Material: Reinforced Fiberglass Mesh
- Temperature Range: -30°C to 120°C (-20°F to 250°F)
- Operating Pressure: Low, Medium
- Bend Radius: 1 x Diameter
- ULC Listing: **Class 1 Connector**

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>MODEL</th>
<th>SIZE (”)</th>
<th>LENGTH (’)</th>
</tr>
</thead>
<tbody>
<tr>
<td>704203</td>
<td>FAB5</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>704204</td>
<td>FAB5</td>
<td>4</td>
<td>25</td>
</tr>
<tr>
<td>704205</td>
<td>FAB5</td>
<td>5</td>
<td>25</td>
</tr>
<tr>
<td>704206</td>
<td>FAB5</td>
<td>6</td>
<td>25</td>
</tr>
<tr>
<td>704207</td>
<td>FAB5</td>
<td>7</td>
<td>25</td>
</tr>
<tr>
<td>704208</td>
<td>FAB5</td>
<td>8</td>
<td>25</td>
</tr>
<tr>
<td>704210</td>
<td>FAB5</td>
<td>10</td>
<td>25</td>
</tr>
<tr>
<td>704212</td>
<td>FAB5</td>
<td>12</td>
<td>25</td>
</tr>
<tr>
<td>704214</td>
<td>FAB5</td>
<td>14</td>
<td>25</td>
</tr>
<tr>
<td>704216</td>
<td>FAB5</td>
<td>16</td>
<td>25</td>
</tr>
</tbody>
</table>

FABRIFLEX TYPE 8T — INSULATED FLEX

- Material: CPE Liner Wrapped in Fiberglass with a Polyethylene Vapour Barrier
- Temperature Range: -30°C to 120°C (-20°F to 250°F)
- Operating Pressure: Low
- Bend Radius: 1 x Diameter
- ULC Listing: **Class 1 Connector**

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>MODEL</th>
<th>SIZE (”)</th>
<th>LENGTH (’)</th>
</tr>
</thead>
<tbody>
<tr>
<td>702943</td>
<td>FAB8T</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>702944</td>
<td>FAB8T</td>
<td>4</td>
<td>25</td>
</tr>
<tr>
<td>702945</td>
<td>FAB8T</td>
<td>5</td>
<td>25</td>
</tr>
<tr>
<td>702946</td>
<td>FAB8T</td>
<td>6</td>
<td>25</td>
</tr>
<tr>
<td>702947</td>
<td>FAB8T</td>
<td>7</td>
<td>25</td>
</tr>
<tr>
<td>702948</td>
<td>FAB8T</td>
<td>8</td>
<td>25</td>
</tr>
<tr>
<td>702950</td>
<td>FAB8T</td>
<td>10</td>
<td>25</td>
</tr>
<tr>
<td>702952</td>
<td>FAB8T</td>
<td>12</td>
<td>25</td>
</tr>
</tbody>
</table>
### POLYETHYLENE SLEEVE — INSULATED

- Lining Size: 1" lining (R4.2 insulation value)

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>MODEL</th>
<th>SIZE (&quot;)</th>
<th>LENGTH (')</th>
</tr>
</thead>
<tbody>
<tr>
<td>702963</td>
<td>Insul-Sleeve</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>702964</td>
<td>Insul-Sleeve</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>702965</td>
<td>Insul-Sleeve</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>702966</td>
<td>Insul-Sleeve</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>702967</td>
<td>Insul-Sleeve</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>702968</td>
<td>Insul-Sleeve</td>
<td>8</td>
<td>10</td>
</tr>
<tr>
<td>702969</td>
<td>Insul-Sleeve</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>702970</td>
<td>Insul-Sleeve</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>702972</td>
<td>Insul-Sleeve</td>
<td>12</td>
<td>10</td>
</tr>
<tr>
<td>702973</td>
<td>Insul-Sleeve</td>
<td>14</td>
<td>10</td>
</tr>
</tbody>
</table>

### FABRIFLEX TYPE 4 — NON INSULATED FIBERGLASS CLOTH FLEX

- Material: Vinyl-Coated Fiberglass Cloth
- Temperature Range: -30°C to 120°C (-20°F to 250°F)
- Operating Pressure: Low, Medium, High
- Bend Radius: 1 × Diameter
- ULC Listing: **Class 1 Air Duct**

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>MODEL</th>
<th>SIZE (&quot;)</th>
<th>LENGTH (')</th>
</tr>
</thead>
<tbody>
<tr>
<td>702815</td>
<td>FAB4</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>702800</td>
<td>FAB4</td>
<td>4</td>
<td>25</td>
</tr>
<tr>
<td>702801</td>
<td>FAB4</td>
<td>5</td>
<td>25</td>
</tr>
<tr>
<td>702802</td>
<td>FAB4</td>
<td>6</td>
<td>25</td>
</tr>
<tr>
<td>702803</td>
<td>FAB4</td>
<td>7</td>
<td>25</td>
</tr>
<tr>
<td>702804</td>
<td>FAB4</td>
<td>9</td>
<td>25</td>
</tr>
<tr>
<td>702806</td>
<td>FAB4</td>
<td>10</td>
<td>25</td>
</tr>
<tr>
<td>702807</td>
<td>FAB4</td>
<td>12</td>
<td>25</td>
</tr>
<tr>
<td>702808</td>
<td>FAB4</td>
<td>14</td>
<td>25</td>
</tr>
<tr>
<td>702810</td>
<td>FAB4</td>
<td>16</td>
<td>25</td>
</tr>
<tr>
<td>702812</td>
<td>FAB4</td>
<td>18</td>
<td>25</td>
</tr>
</tbody>
</table>
FABRIFLEX TYPE 6T — INSULATED FLEX

This acoustically rated flexible air duct consists of a spun nylon material mechanically bonded to a scuff resistant galvanized steel helix. This low pressure UL 181 Class 1 product has excellent Broadband acoustic properties ideally suited for lowering dB levels. Also available with mylar barrier (Fab 6M version).

- Material: Spun nylon Polyamid/fiberglass insulation/polyethylene vapour barrier
- Maximum Rated Velocity: 27.9 m/s (5500 fpm)
- Maximum Positive Pressure: 1.5 kPa (6 in. WC)
- Maximum Negative Pressure: 1.25 kPa (5 in. WC)
- Temperature Range: -20°F to 250°F
- Bend Radius: 1 x diameter
- Available Sizes: 3” to 24”
- Standard Lengths: 25 ft
- UL181 Listing: Class 1 Air Duct

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>MODEL</th>
<th>SIZE (”)</th>
<th>LENGTH (’)</th>
</tr>
</thead>
<tbody>
<tr>
<td>704242</td>
<td>FAB6T</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>704244</td>
<td>FAB6T</td>
<td>8</td>
<td>10</td>
</tr>
</tbody>
</table>
Flexmaster has proudly supplied superior HVAC products to the ICI construction industry for over 30 years. Their extensive range of specified product offer numerous value-added features & benefits.

Flexmaster combines various patented processes with numerous unique product characteristics to produce a wide range of revolutionary ducting and accessory products.

They are proud of their products and their acceptance in the marketplace. Flexmaster is active in various industry programs and dedicated to enhancing quality standards for the benefit of all industry participants.

Flexmaster flexible ducting products are ULC Approved as Class 1 and have a Flame Spread Rating of not over 25 without evidence of continued progressive combustion and a Smoke Developed Rating of not over 50.

All Flexmaster products are warranted to be free from all defects in material and workmanship. It is impossible to test Flexmaster products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users’ responsibility to test all Flexmaster products under conditions that duplicate the service conditions prior to installation.

Due to continuous improvements, all specifications are subject to change without prior notice.

TRIPLE LOCK™

Metal non-combustible flexible duct is ideally suited for a wide range of HVAC applications.

T/L
A semi rigid and lightweight non-insulated air duct, manufactured by using a dead soft aluminum strip which is spirally wound and mechanically joined together forming an air tight and leakproof triple lock seam. A self supporting and corrosive resistant ULC-S110 and UL181 Class 1 product is produced providing excellent strength and flexibility. Adaptable to any low to high pressure heating, ventilation and air conditioning system.

- Material: Aluminum
- Maximum Rated Velocity: 20.3 m/s (4000 fpm)
- Maximum Positive Pressure: 3 kPa (12 in. WC)
- Maximum Negative Pressure: 0.25 kPa (1 in. WC)
- Temperature Range: -40°F to 600°F
- Bend Radius: 1½ x diameter
- Available Sizes: 2” to 24”
- Standard Lengths: 10ft
- ULC Listing: Class 1 Connector

T/L-SS
Non-insulated Triple Lock™ stainless steel is manufactured using a stainless steel strip which is spirally wound and mechanically joined together forming an air tight and leakproof Triple Lock™ seam. The ULC-S110 and UL-181 Class 1 product combines stainless steel construction with the superior features of Triple Lock™ producing a solid solution for venting extreme temperatures, harsh fumes or hazardous chemicals.

- Material: 304/316 Stainless Steel
- Maximum Rated Velocity: 20.3 m/s (4000 fpm)
- Maximum Positive Pressure: 3.0 kPa (12 in. WC)
- Maximum Negative Pressure: 0.25 kPa (1 in. WC)
- Temperature Range: -40°F to 2100°F
- Bend Radius: 2½ x diameter
- Available Sizes: 2” to 24”
- Standard Lengths: 10ft
- ULC Listing: Class 1 Air Duct
TRIPLE LOCK™ THERMAL FLEX DUCT

Insulated metal duct with outer vapour barrier controls vapour transmission and condensation.

T/L-T
A Triple Lock™ insulated aluminum flex duct with a polyethylene vapour barrier - Class 1 air duct/connector. T/L-T is manufactured by using a dead soft aluminum strip, spirally wound and mechanically joined together with an inner duct that is draped with a thick fiberglass insulation and covered with a flame retardant, non-toxic polyethylene vapour barrier. This top-rated ULCS110 and UL-181 Class 1 product is an excellent insulated air duct for most energy efficient heating and cooling systems.

Material: Aluminum Core, 1” insulation, polyethylene vapour barrier
Maximum Rated Velocity: 20.3 m/s (4000 fpm)
Maximum Positive Pressure: 3.0 kPa (12 in. WC)
Maximum Negative Pressure: 0.25 kPa (1 in. WC)
Temperature Range: -40°F to 250°F
Bend Radius: 1½ x diameter
Available Sizes: 4” to 20”
Standard Lengths: 10ft
ULC Listing: Class 1 Connector

T/L-M
Manufactured using a dead soft aluminum strip which is spirally wound and mechanically joined together. The inner duct is draped with thick fiberglass insulation and covered by a flame retardant, mylar vapour barrier. The ULCS110 and UL-181 Class 1 product integrates a Triple Lock™ core with an insulated reinforced sleeve to produce an unbeatable thermal air duct which encourages temperature uniformity, absorbs duct vibration and ensures low permeability.

Material: Aluminum Core,
1” Insulation, mylar vapour barrier
Maximum Rated Velocity: 20.3 m/s (4000 fpm)
Maximum Positive Pressure: 3.0 kPa (12 in. WC)
Maximum Negative Pressure: 0.25 kPa (1 in. WC)
Temperature Range: -40°F to 250°F
Bend Radius: 1½ x diameter
Available Sizes: 4” to 20”
Standard Lengths: 10ft
ULC Listing: Class 1 Connector

TRIPLE LOCK™ ACOUSTIC FLEX DUCT

A perforated inner-core reduces noise generated by mechanical equipment or system vibration.

T/L-A-T/L
An insulated acoustic air duct, manufactured by using a dead soft aluminum strip which is perforated, spirally wound and mechanically joined together. The inner duct is draped with thick fiberglass insulation and covered by a triple-lock aluminum jacket; T/L-A-T/L relies on the perforated core with an open area of 20-25% to create a duct with superb acoustic qualities. The complete high pressure duct assembly is excellent for HVAC systems requiring low noise.

Material: Perforated aluminum core (min 25%), 1” insulation, aluminum vapour barrier
Maximum Rated Velocity: 20.3 m/s (4000 fpm)
Maximum Positive Pressure: 1.5 kPa (6 in. WC)
Maximum Negative Pressure: 0.25 kPa (1 in. WC)
Temperature Range: -40°F to 400°F
Bend Radius: 2 x diameter
Available Sizes: 4” to 22”
Standard Lengths: 10ft
ULC Listing: Class 1 Connector

T/L-A
An insulated acoustic air duct, manufactured by using a dead soft aluminum strip which is perforated, spirally wound and mechanically joined together. The inner duct is draped with thick fiberglass insulation and covered by a flame retardant, non-toxic polyethylene vapour barrier. This top-rated ULCS110 and UL-181 Class 1 product uses a Triple Lock™ (T/L basic) perforated core with an open area of 20% to 25% to completely cushion sounds, such as air movement and duct vibrations.

Material: Perforated aluminum core (min 25%), 1” insulation, polyethylene vapour barrier
Maximum Rated Velocity: 20.3 m/s (4000 fpm)
Maximum Positive Pressure: 1.5 kPa (6 in. WC)
Maximum Negative Pressure: 0.25 kPa (1 in. WC)
Temperature Range: -40°F to 250°F
Bend Radius: 1½ x diameter
Available Sizes: 4” to 24”
Standard Lengths: 10ft
ULC Listing: Class 1 Connector
FABRIFLEX DUCTING

A patented outside mechanical lock provides a positive seal and eliminates the need for problematic adhesives. Choose a duct to handle internal operating pressures, provide thermal reliability or meet critical noise criteria levels. Flexible ducting connects mixing boxes, light troffers, diffusers, and other terminals to air distribution systems. Flexmaster's Fabriflex line of flexible ducting products conforms to NFPA standards 90A and 90B; tested in accordance with ULC-S110M or UL-181 standards under — Factory-Made Air Ducts and Air Connectors. Flexible ducts must be installed in accordance with the conditions of their ULC/UL Listings.

**Fab 3**
This non-insulated flexible air duct, features a reinforced aluminized trilaminate, spirally wound and mechanically locked together by a corrosive resistant galvanized steel helix. This advanced tear resistant ULC-S110 and UL-181 Class 1 product is supported by the outside metal helix which with the resilient duct liner, provides the necessary product integrity to obtain the high pressure rating, both positive and negative, required by many engineered HVAC duct systems.

- Material: Aluminum, foil, fiberglass mesh trilaminate
- Maximum Rated Velocity: 20.3 m/s (4000 fpm)
- Maximum Positive Pressure: 3.0 kPa (12 in. WC)
- Maximum Negative Pressure: 0.13 kPa (0.5 in. WC)
- Temperature Range: -20°F to 250°F
- Bend Radius: 1 x diameter
- Available Sizes: 3” to 24”
- Standard Lengths: 25’

**Fab 4**
This extremely tough non-insulated flexible air duct is produced with a heavy vinyl-coated fiberglass cloth which is mechanically locked together with a scuff protecting galvanized steel helix. This impact resistant ULC-S110 and UL-181 Class 1 product is shaped by the outside helix which locks together the strong duct fabric. This construction combination supplies the strength necessary to obtain a complete air duct rating in a non-insulated form demanded in many high pressure air distribution networks.

- Material: PVC coated fiberglass cloth
- Maximum Rated Velocity: 20.3 m/s (4000 fpm)
- Maximum Positive Pressure: 3.0 kPa (12 in. WC)
- Maximum Negative Pressure: 0.13 kPa (0.5 in. WC)
- Temperature Range: -20°F to 250°F
- Bend Radius: 1 x diameter
- Available Sizes: 3” to 24”
- Standard Lengths: 25’

---

ECCO Supply™  www.eccosupply.ca  10-7
FABRIFLEX DUCTING (cont’d)

**Fab 5**
A quality non-insulated flexible air duct of reinforced aluminized trilaminate, mechanically locked together by a corrosive resistant galvanized steel helix. An ideal ULC-S110 and UL-181 Class 1 product, formed by the protective outside helix which interlocks with the smooth and reinforced liner to produce an exceptional low to medium pressure duct often required by VAW commercially designed air conditioning and heating applications.

Material: Aluminum, foil, fiberglass mesh trilaminate
Maximum Rated Velocity: 20.3 m/s
Maximum Positive Pressure: 1.5 kPa (6 in. WC)
Maximum Negative Pressure: 0.13 kPa (0.5 in. WC)
Temperature Range: -20°F to 250°F
Bend Radius: 1 x diameter
Available Sizes: 3" to 24"
Standard Lengths: 25 ft
ULC Listing: Class 1 Connector

**Fab 5M**
This insulated flexible air duct consists of a reinforced aluminized trilaminate which is mechanically locked together by a corrosive resistant galvanized steel helix. The core is covered with thick fiberglass insulation and a mylar sleeve. This ULC-S110 and UL-181 Class 1 product combines the reinforced liner with thermal attributes to produce a duct assembly ideal for energy efficient HVAC installations.

Material: Basic Fab 5, 1" insulation, Mylar vapor barrier
Maximum Rated Velocity: 20.3 m/s (4000 fpm)
Maximum Positive Pressure: 1.5 kPa (6 in. WC)
Maximum Negative Pressure: 0.13 kPa (0.5 in. WC)
Temperature Range: -20°F to 250°F
Bend Radius: 1 x diameter
Available Sizes: 3" to 24"
Standard Lengths: 25 ft
ULC Listing: Class 1 Connector

**Fab 5T**
This insulated flexible air duct consists of a reinforced aluminized trilaminate which is mechanically locked together by a corrosive resistant galvanized steel helix. The core is covered with thick fiberglass insulation and sleeved by a flame retardant non-toxic polyethylene vapor barrier. This ULC-S110 and UL-181 Class 1 product, combined with a reinforced liner and thermal characteristics produce a duct assembly ideal for energy efficient HVAC installations.

Material: Basic Fab 5, 1" insulation, Polyethylene vapor barrier
Maximum Rated Velocity: 20.3 m/s (4000 fpm)
Maximum Positive Pressure: 1.5 kPa (6 in. WC)
Maximum Negative Pressure: 0.13 kPa (0.5 in. WC)
Temperature Range: -20°F to 250°F
Bend Radius: 1 x diameter
Available Sizes: 3" to 24"
Standard Lengths: 25 ft
ULC Listing: Class 1 Connector

Unless otherwise designated, the term “flexible air duct” is used for all ducts classified by ULC as either flexible air ducts or flexible connectors.

These provisions apply to ducts used for indoor comfort heating, ventilating, and air conditioning service. They do not apply to service for conveying particulates, corrosive fumes and vapours, high temperature air or contaminated atmosphere. Project specifications must define specific materials, pressure limits, velocity limits, friction rate, thermal conductivity, acoustical ratings, and other pertinent or relevant attributes.
FABRIFLEX DUCTING (cont’d)

**Fab 6T**
This acoustically rated flexible air duct consists of a spun nylon material mechanically bonded to a scuff resistant galvanized steel helix. This low pressure UL 181 Class 1 product has excellent Broadband acoustic properties ideally suited for lowering dB levels. Also available with mylar barrier (Fab 6M version)

Material: Spun nylon Polyamid/fiberglass insulation/polyethylene vapour barrier
Maximum Rated Velocity: 27.9 m/s (5500 fpm)
Maximum Positive Pressure: 1.5 kPa (6 in. WC)
Maximum Negative Pressure: 1.25 kPa (5 in. WC)
Temperature Range: -20°F to 250°F
Bend Radius: 1 x diameter
Available Sizes: 3” to 24”
Standard Length: 25 ft

UL 181 Listing: Class 1 Air Duct

---

**Fab 8T**
This acoustical insulated flexible air duct is assembled using a CPE core which is mechanically locked together by a corrosive resistant galvanized steel helix. The core is wrapped with thick fiberglass insulation and covered by a flame retardant, non-toxic polyethylene vapour barrier. This duct is an excellent solution for most heating, ventilating and air conditioning systems.

Material: CPE core, 1” insulation, Polyethylene vapour barrier
Maximum Rated Velocity: 20.3 m/s (4000 fpm)
Maximum Positive Pressure: 0.5 kPa (2 in. WC)
Maximum Negative Pressure: 0.25 kPa (1 in. WC)
Temperature Range: -20°F to 250°F
Bend Radius: 1 x diameter
Available Sizes: 3” to 24”
Standard Length: 25 ft

ULC Listing: Class 1 Connector

---

**Fab 97**
This non insulated vent duct, is constructed using 2-ply polyamid film bonded to a corrosive resistant galvanized spring wire helix. This product uses 2 layers of film to ensure superior duct wall strength and an absolute air tight and leak proof seam creating a reliable solution for a broad range of air venting requirements.

Material: Metalized PET film
Maximum Rated Velocity: 20.3 m/s (4000 fpm)
Maximum Positive Pressure: 1.5 kPa (6 in. WC)
Maximum Negative Pressure: 0.13 kPa (0.5 in. WC)
Temperature Range: -20°F to 250°F
Bend Radius: 1 x diameter
Available Sizes: 3” to 16”
Standard Length: 25ft

ULC Listing: Class 1 Connector
ENCAPSULATED FLEXIBLE DUCTING

Use these economical flexible solutions as typical low pressure branch connections in light commercial/residential applications.

**Fab 97T**
This insulated flexible vent duct, consists of a 2 ply polyamide film bonded to a corrosive resistant galvanized spring wire helix. The core is wrapped with thick fiberglass insulation and covered by a flame retardant non toxic polyethylene vapour barrier. This product is supported by the encapsulated helix permanently attached to a durable duct liner. An excellent choice for various venting applications.

- **Material:** Basic Fab 97, 1” insulation, polyethylene vapour barrier
- **Maximum Rated Velocity:** 20.3 m/s (4000 fpm)
- **Maximum Positive Pressure:** 1.5 kPa (6 in. WC)
- **Maximum Negative Pressure:** 0.13 kPa (0.5 in. WC)
- **Temperature Range:** -20°F to 250°F
- **Bend Radius:** 1 x diameter
- **Available Sizes:** 3” to 16”
- **Standard Lengths:** 25ft

**Fab 99**
This transparent non insulated flexible vent duct, is made from 2 layers of 1 mil polyamide encapsulating a corrosive resistant galvanized spring wire helix. This economical product combines exceptional duct stability with value, producing a practical and effective venting solution for most applications. Also available with vapour barrier (Fab 99T version)

- **Maximum Rated Velocity:** 20.3 m/s (4000 fpm)
- **Maximum Positive Pressure:** 1.5 kPa (6 in. WC)
- **Maximum Negative Pressure:** 0.13 kPa (0.5 in. WC)
- **Temperature Range:** -20°F to 250°F
- **Bend Radius:** 1 x diameter
- **Available Sizes:** 3” to 16”
- **Standard Lengths:** 25ft

---

**SF-TPR (Thermo Plastic Rubber)**
Molecularly bonded high temperature thermo plastic rubber. Exceeds temperature limit of most plastics and is an economical alternative to specialty fabric duct. SF-TPR provides outstanding performance and flex fatigue resistance. Smooth interior design allows for superior flow and maximum efficiency. Extremely flexible with excellent shape retention.

- **Material:** Thermo Plastic Rubber with molecularly bonded wear strip
duct
- **Diameters:** 1.5” to 24”
- **Bend Radius:** 6" = 6.5”
- **Weight:** 6” I.D. = .77 lbs/ft
- **Lengths:** 25 & 50 ft. up to 8” diam., 25’ - 10” diam. and up
- **Compression Ratio:** 2:1
- **Temperature range:** -40°F to +275°F continuous, (+300°F intermittent)
- **Colour:** Black with yellow wear strip.* *(available with and without encapsulated wire)

**Vinyl Blower Duct (Fabric Reinforced)**
Fabric reinforced vinyl coated blower duct, ideal for fresh air supply. Manufactured with a molecularly bonded wearstrip for scuff resistance. An economical duct for large volume air transfer. This duct is reinforced with a spring steel helix and covered with a urethane wearstrip.

- **Material:** Polyester single fabric coated with vinyl
duct
- **Diameters:** 6” to 24” I.D. Larger sizes available
- **Bend Radius:** 12” diam. = 7”
- **Weight:** 6” I.D. = .7 lbs/ft
- **Length:** 25ft
- **Compression Ratio:** 10:1
- **Temperature Range:** -20°F to +180°F

**Flame Retardant TPR**
This flame retardant welding fume extraction duct and cable cover is designed specifically for welding environments including sparks and slag.

- **Material:** Flame retardant thermoplastic rubber
- **Diameters:** 2” to 12”
- **Weight:** 6” = .77 lbs/ft
- **Lengths:** 25 ft & 50 ft to 8” diam., 25” - 10” diam. and up
- **Compression Ratio:** 2:1
- **Temperature range:** -40°F to +275°F continuous, +300°F (intermittent)
NOVAFLEX INDUSTRIAL FLEX

NovaFlex has been pioneering innovative ways to make ducting more versatile, dependable and competitively priced for over 30 years. Their patented manufacturing technique, utilizing “mechanical lock construction”, allows them to produce specialized products not available from other sources. This process combines unmatched product integrity and durability with the flexibility to quickly meet custom orders, large or small.

Unlike conventional methods using adhesives, their process requires no curing and is more resistant to temperature and environmental extremes. The outside metal helix also contributes to duct strength, durability and scuff-resistance.

SF-TPU, SF-TPU static dissipating, and SF-PVCW are available in the following metric sizes (mm):
60, 80, 90, 115, 120, 140, 150, 160, 180, 200, 250.

Please contact your local ECCO Supply sales representative for more details.

All hose and duct manufactured by NovaFlex are warranted to be free from all defects in material and workmanship. It is impossible to test NovaFlex hose and duct under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users’ responsibility to test all NovaFlex hose and duct under conditions that duplicate the service conditions prior to installation.

AF-2

Double ply bonded construction provides enhanced positive pressure performance and durability; bi-directional construction for maximum flow efficiency. Manufactured with UL94V-0 approved materials.

Applications
- Particle control
- Pellet and chip handling
- Areas of high vibration
- Large volume fume control

Construction
- Product code: 3ULAF2X
- Material: Polyester fabric, Neoprene coated
- Construction: Two ply fabric over fully encapsulated spring steel wire
- Diameters: 1.5” to 36”
- Weight: 6” ID = .9 lbs/ft.
- Length: 25 ft
- Compression Ratio: 2:1
- Temperature Range: -40°F (-40°C) to + 250°F (121°C)
- Colour: Black

<table>
<thead>
<tr>
<th>I.D.</th>
<th>WORKING PRESSURE/PSI</th>
<th>NEGATIVE PRESSURE INCH H.G</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>33</td>
<td>23</td>
</tr>
<tr>
<td>3</td>
<td>28</td>
<td>27</td>
</tr>
<tr>
<td>4</td>
<td>25</td>
<td>22</td>
</tr>
<tr>
<td>5</td>
<td>22</td>
<td>19</td>
</tr>
<tr>
<td>6</td>
<td>20</td>
<td>16</td>
</tr>
<tr>
<td>8</td>
<td>18</td>
<td>14</td>
</tr>
<tr>
<td>10</td>
<td>16</td>
<td>12</td>
</tr>
<tr>
<td>12</td>
<td>14</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>MODEL</th>
<th>SIZE (”)</th>
<th>LENGTH (’’)</th>
</tr>
</thead>
<tbody>
<tr>
<td>704482</td>
<td>AF2GS</td>
<td>2</td>
<td>25</td>
</tr>
<tr>
<td>704484</td>
<td>AF2GS</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>704486</td>
<td>AF2GS</td>
<td>4</td>
<td>25</td>
</tr>
<tr>
<td>704488</td>
<td>AF2GS</td>
<td>5</td>
<td>25</td>
</tr>
<tr>
<td>704490</td>
<td>AF2GS</td>
<td>6</td>
<td>25</td>
</tr>
<tr>
<td>704492</td>
<td>AF2GS</td>
<td>7</td>
<td>25</td>
</tr>
<tr>
<td>704494</td>
<td>AF2GS</td>
<td>8</td>
<td>25</td>
</tr>
<tr>
<td>704496</td>
<td>AF2GS</td>
<td>10</td>
<td>25</td>
</tr>
<tr>
<td>704498</td>
<td>AF2GS</td>
<td>12</td>
<td>25</td>
</tr>
</tbody>
</table>
NOVAFLEX GENERAL SERVICE DUCTS

NovaFlex general service ducts are extremely lightweight, flexible and economical. Designed for air and dust control, light material handling and fume control applications.

**U-LOK 100**

An extremely flexible duct with good low temperature resistance and chemical resistance. Manufactured with UL94V-0 approved materials.

**Applications**
- Dust control
- Air handling
- Light material handling
- Fume control

**Construction**
- Product code: 3UL100X
- Material: Polyester fabric, Neoprene coated
- Construction: Mechanical bond, corrosion resistant helix
- Diameters: 2” to 24”
- Bend radius: = 1.5 x I.D.
- Weight: 6” I.D. = .84 lbs/ft.
- Standard length: 25 ft
- Compression Ratio: 6:1
- Temperature Range: -45°F (-43°C) to +250°F (121°C)
- Colour: Black

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>-</td>
<td>3.6</td>
<td>3.2</td>
<td>2.7</td>
<td>2.6</td>
<td>1.8</td>
<td>1.4</td>
<td>1.2</td>
</tr>
<tr>
<td>Negative Pressure Inch. H.g</td>
<td>-</td>
<td>2</td>
<td>1.8</td>
<td>1.3</td>
<td>1.2</td>
<td>1.1</td>
<td>0.73</td>
<td>0.6</td>
</tr>
</tbody>
</table>

**U-LOK 101**

A combination of high-quality material and economical price provide an excellent flexible duct. PVC coated duct provides an alternative for wet fumes.

**Applications**
- Dust control
- Air movement
- General Service
- Fume control

**Construction**
- Product code: 3UL101X
- Material: Fiberglass/PVC coated
- Construction: mechanical bond, corrosion resistant helix
- Diameters: 2” to 24”. Larger sizes available
- Bend radius: = 1.5 x I.D.
- Weight: 6” I.D. = .9 lbs/ft.
- Length: 25 ft
- Compression Ratio: 6:1
- Temperature range: -20°F (-29°C) to +250°F (121°C)
- Colour: Black

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>-</td>
<td>4.3</td>
<td>4.4</td>
<td>3.6</td>
<td>3.5</td>
<td>3.2</td>
<td>2.15</td>
<td>1.8</td>
</tr>
<tr>
<td>Negative Pressure Inch. H.g</td>
<td>-</td>
<td>3.2</td>
<td>2.7</td>
<td>2.4</td>
<td>2.2</td>
<td>1.8</td>
<td>1.6</td>
<td>1.25</td>
</tr>
</tbody>
</table>

**AF-1**

With a bonded construction and encapsulated wire this duct is non-marking lightweight and economical. Manufactured with UL94V-0 approved materials.

**Applications**
- Air handling
- Fume control
- Dust collection
- Cool air supply

**Construction**
- Product code: 3ULAFIX
- Material: Polyester fabric, Neoprene coated
- Construction: Single ply fabric over fully encapsulated spring steel helix
- Diameters: 1.5" to 36"
- Weight: 6” I.D. = .84 lbs/ft.
- Length: 25 ft
- Compression Ratio: 5:1
- Temperature Range: -40°F (-40°C) to +250°F (121°C)
- Colour: Black

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>20</td>
<td>14</td>
<td>13</td>
<td>9</td>
<td>7</td>
<td>7</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Negative Pressure Inch. H.g</td>
<td>11.7</td>
<td>11.3</td>
<td>10.5</td>
<td>6</td>
<td>4</td>
<td>2.5</td>
<td>1.75</td>
<td>1.25</td>
</tr>
</tbody>
</table>

**SF-EVA**

All extruded construction in ultra light weight translucent EVA for visual flow monitoring. This product offers good puncture resistance and is ideal for insulation blowing, cable conduit and fume control applications. Good chemical resistance.

**Applications**
- Fume control
- Light duty material handling
- Cable conduit
- Insulation blowing

**Construction**
- Product code: 9SF-EVA
- Material: Ethyl Vinyl Acetate, extruded construction
- Diameters: 2” to 4”
- Bend Radius: 2” = 3.75”
- Weight: 3” diam. = .4lbs/ft
- Lengths: 25 ft & 50 ft
- Temperature range -65°F (-54°C) to +200°F (93°C)
- Colour: clear with white external scuff strip (minimum order)

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>8</td>
<td>7</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
NOVAFLEX UTILITY FOOD GRADE
Flexible ducting for food, pharmaceutical material transfer and clean room applications.

U-Lok 1200 Acrylic
Durable medium weight utility food grade fabric duct. This product possesses good abrasion resistance and fire retardant qualities.

Applications
Clean room environment
Cool or hot air supply
Air handling, fume control
Meets FDA regulations
Hospitals, food establishments, computer rooms
Meets UL94V-0 and Federal Method 5903

Construction
Product code: JU1200
Material: White Acrylic on Polyester
Construction: Mechanical bond, galvanized helix
Diameters: 3" to 24" I.D. Larger sizes available.
Bend Radius = 1.5 X I.D.
Weight: 6" I.D. = 1.25 lbs/ft
Length: 25ft
Compression Ratio: 5:1
Temperature range: -20°F (-29°C) to +250°F (121°C)
* see also extruded SF-PVC and SF-TPU duct for food grade options

SF-TPU (Wall Gauge 0.030")
All extruded, molecularly bonded urethane duct with encapsulated wire offers maximum abrasion resistance and superior tear resistance. Smooth inner wall reduces turbulence for maximum flow efficiency. Encapsulated wire protects surfaces from scuffing. Manufactured with FDA approved materials.

Applications
Sawdust collection
Lavatory waste
Pellet, material transfer
Excellent low temperature flexibility
Abrasion, oil and ozone and fungus resistant

Construction
Product code: 9STPUX
9STPUW (with wire)
Material: 0.030" clear extruded urethane
Diameters: 1.5" to 24"
Weight: 6" I.D. = 0.84 lbs/ft
Lengths: 25 & 50 ft. to 8" diam., 25'-10" diam. and up
Compression Ratio: 2:1
Temperature range: -45°F (-54°C) to +200°F (93°C)
Colour: Clear with clear helix
*(available with and without encapsulated wire)

Available in metric sizes

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>22</td>
<td>20</td>
<td>18</td>
<td>18</td>
<td>16</td>
<td>16</td>
<td>14</td>
<td>14</td>
</tr>
<tr>
<td>Negative Pressure Inch. H.g</td>
<td>29</td>
<td>29</td>
<td>26</td>
<td>21</td>
<td>16</td>
<td>6</td>
<td>5</td>
<td>4.5</td>
</tr>
</tbody>
</table>

– E.&O.E. – All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra – May not be Available at All Branches –
NOVAFLEX MEDIUM SERVICE DUCTS

Medium weight flexible ducting products to provide additional service life. Suitable for light duty material handling, plant cleanup, fume control and air transfer applications.

U-LOK 200

Heavier gauge fabric and coating to provide longer service life. Neoprene coating provides good cold temperature resistance compared with PVC. Manufactured with UL94V-0 approved materials.

**Applications**
- Heavy-duty dust control
- Outdoor plant clean-up
- Sawdust, hot air blower

**Construction**
- Product code: 3UL200X
- Material: polyester/neoprene
- Construction: mechanical bond, corrosion resistant helix
- Diameters: 3" to 24" I.D. Larger sizes available
- Weight: 6" I.D. = 1.1 lbs/ft
- Length: 25ft
- Compression ratio: 6:1
- Temperature range: -65°F (-54°C) to +250°F (121°C)
- Colour: Black

<table>
<thead>
<tr>
<th>I.D.</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>4.3</td>
<td>4.1</td>
<td>3.8</td>
<td>3.6</td>
<td>3.3</td>
<td>3.0</td>
<td>2.7</td>
</tr>
<tr>
<td>Negative Pressure Inch. Hg</td>
<td>3.2</td>
<td>2.7</td>
<td>2.4</td>
<td>2.2</td>
<td>1.8</td>
<td>1.6</td>
<td>1.2</td>
</tr>
</tbody>
</table>

SF-TPR (Thermo Plastic Rubber)

Molecularly bonded high thermo plastic rubber. Exceeds temperature limit of most plastics and is an economical alternative to specialty fabric duct. SF-TPR provides outstanding performance and [ex] fatigue resistance. Smooth interior design allows for superior [low] and maximum efficiency. Extremely [flexible] with excellent shape retention.

**Applications**
- Excellent [ex] fatigue resistance
- Light duty material handling
- Hot exhaust extraction
- Medium duty chemical fume removal

**Construction**
- Product code: 9SFTPRX
- 9SFTPRWX (with wire)
- Material: Thermo Plastic Rubber with molecularly bonded wear strip
- Diameters: 1.5" to 24" I.D.
- Bend radius = 6 x I.D.
- Weight: 6" I.D. = .77 lbs/ft
- Length: 25' to 50 ft. up to 8" diam., 25 ft - 10" diam. and up
- Compression Ratio: 2:1
- Temperature range: -40°F (-40°C) to +275°F (135°C) continuous, +300°F (149°C) intermittent
- Colour: Black with yellow wear strip.*

<table>
<thead>
<tr>
<th>I.D.</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>8.5</td>
<td>7.5</td>
<td>7.3</td>
<td>7.2</td>
<td>7.0</td>
<td>6.7</td>
<td>6.3</td>
</tr>
<tr>
<td>Negative Pressure Inch. Hg</td>
<td>26</td>
<td>24</td>
<td>20</td>
<td>16</td>
<td>12</td>
<td>8</td>
<td>5</td>
</tr>
</tbody>
</table>

SF-PVC (Thermo Plastic PVC)

This duct’s special molecularly bonded construction means less turbulence for maximum [low] efficiency. This is a choice duct for many industrial applications, including the transport of particles and gaseous media. Constructed of premium clear Polyvinyl Chloride this duct allows for continuous visual monitoring. Manufactured with FDA approved materials.

**Applications**
- Suitable for light duty material handling
- Good resistance to oil, alkali and acids
- Extremely [flexible] with good abrasion resistance
- Clear construction for visual monitoring

**Construction**
- Product code: 9SFPVCX, 9SFPVCW (with wire)
- Material: Thermo Plastic Polyvinyl Chloride
- Wire encapsulated PVC external helix wear strip
- Diameters: 1.5" to 24" I.D.
- Bend radius = 6" diam. = 5.5" I.D.
- Weight: 6" = .88 lbs/ft
- Lengths: 25' & 50' up to 8" diam., 25' - 10" diam. and up
- Compression Ratio: 2:1
- Temperature range: -20°F (-29°C) to +165°F (74°C)
- Colour: Clear with black external helix
*Available with and without encapsulated wire

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>18</td>
<td>14</td>
<td>13.3</td>
<td>12.6</td>
<td>12</td>
<td>10.7</td>
<td>7</td>
<td>6.3</td>
</tr>
<tr>
<td>Negative Pressure Inch. Hg</td>
<td>28</td>
<td>24</td>
<td>24</td>
<td>19</td>
<td>14</td>
<td>5</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

AF-2

Double ply bonded construction provides enhanced positive pressure performance and durability; bi-directional construction for maximum [low] efficiency. Manufactured with UL94V-0 approved materials.

**Applications**
- Particle control
- Pellet and chip handling
- Areas of high vibration
- Large volume fume control

**Construction**
- Product code: 3ULAF2X
- Material: Polyester fabric, Neoprene coated
- Construction: Two ply fabric over fully encapsulated spring steel wire.
- Diameters: 1.5" to 36" I.D.
- Weight: 6" I.D. = .9 lbs/ft.
- Length: 25 ft
- Compression Ratio: 2:1
- Temperature Range: -40°F (-40°C) to +250°F (121°C)
- Colour: Black

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>33</td>
<td>23</td>
<td>18</td>
<td>14</td>
<td>14</td>
<td>11</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>Negative Pressure Inch. Hg</td>
<td>28</td>
<td>27</td>
<td>25</td>
<td>18</td>
<td>14</td>
<td>8</td>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>
NOVAFLEX MEDIUM SERVICE DUCTS (cont’d)

**TPU Static Dissipating**
(Wall gauge 0.30”)

Static dissipating urethane reinforced with steel wire helix safely reduces static charges. TPU SD has excellent flexibility, maximum abrasion resistance, superior tear resistance and high tensile strength. Clear construction allows for visual monitoring.

**Applications**
- Plastics processing, dust and shavings
- Woodworking equipment
- Plant debris collection
- Dust collection
- Material handling

**Construction**
- Product Code: 9SFTPWU_SD
- Material: Static dissipating urethane
- Diameters: 2” to 12” (Larger diameters available, please contact the factory)
- Compression ratio: 2:1
- Weight: 6” I.D. = 0.84 lbs/ft.
- Temperature range: -65°F (-54°C) to +200°F (94°C)
- Colour: Clear with blue external helix
- Conductivity of hose should be tested regularly. Test with OHMS meter using conductive fittings inserted into each end of hose

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>22</td>
<td>20</td>
<td>18</td>
<td>16</td>
<td>16</td>
<td>14</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Negative Pressure Inch. H.g</td>
<td>29</td>
<td>29</td>
<td>26</td>
<td>21</td>
<td>16</td>
<td>6</td>
<td>5</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**AF-2WS**
Double ply bonded construction coupled with a scuff guard for additional external abrasion resistance. Manufactured with UL94V-0 approved materials.

**Applications**
- Particle control
- Pellet and chip handling
- Areas of high vibration
- Large volume fume control

**Construction**
- Product code: 3ULAF2Y
- Material: Polyester/Neoprene coated. Black with yellow or black bonded wear strip.
- Construction: Two ply fabric over fully encapsulated spring steel wire helix
- Length: 25 ft
- Temperature Range: -40°F (-40°C) to +250°F (121°C)
- Colour: Black with yellow wear strip

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>33</td>
<td>23</td>
<td>18</td>
<td>14</td>
<td>14</td>
<td>11</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>Negative Pressure/Inch. H.g</td>
<td>28</td>
<td>27</td>
<td>25</td>
<td>18</td>
<td>14</td>
<td>8</td>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>

**NOVAFLEX SPECIALTY METAL TUBING/HIGH TEMP FUME CONTROL**

Novaflex patented triple lock construction provides for an airtight seam and added strength. Metal Flex is ideal for stationary applications where bends are required or need to be maintained. Easy to bend into position and ultra lightweight.

**T-Lok 3003**
An economical single ply aluminum duct. Also available in two plies for added strength or higher negative pressures.

**Applications**
- Ideal for stationary bends
- Elbow replacement for low pressure
- Air movement
- Fume control
- Heating
- Cooling
- Dehumidifying

**Construction**
- Product code: 3UL3003
- Material: Aluminum
- Construction: Triple mechanical lock
- Diameters: 2” to 24”. (Larger sizes available on request)
- Length: 10 ft
- Bend radius = 1.5 x I.D.
- Weight: 6” I.D. = 1.02 lbs/ft.
- Compression: 3:1
- Temperature Range: -60°F (-51°C) to +600°F (316°C)
- Rated Velocity: 4000 f/m (20.3 m/s)
- Positive Pressure: 12” w.g. (3.0 kPa)
- Negative Pressure: 1” w.g. (0.25 kPa)
- ULC Listing: CLASS 1 AIR DUCT/CONNECTOR

**T-Lok 3004, TLok 316, TLok 316Ti**
An economical stainless steel tubing designed to handle a broad range of industrial uses. Available in three stainless steel grades to handle various application requirements.

**Applications**
- Elevated temperature
- Fume control
- Drying
- Air filter intake
- Elbow replacement for low pressure

**Construction**
- Product code: 3UL1294
- Material: Stainless steel with 316Ti alloy, .005”
- Diameters: 2” to 24”. (Larger sizes available on request)
- Bend radius = 1.5 x I.D.
- Weight: 6” I.D. = .750 lbs/ft.
- Temperature Range: -60°F (-51°C) to +1700°F (927°C)
- Rated Velocity: 4000 f/m (20.3 m/s)
- Positive Pressure: 12” w.g. (3.0 kPa)
- Negative Pressure: 1” w.g. (0.25 kPa)
- ULC Listing: CLASS 1 AIR DUCT/CONNECTOR
NOVAFLEX HEAVY DUTY SERVICE DUCTING

NovaFlex heavy duty service products are designed to handle the more rugged service conditions of abrasive material handling. NovaFlex offers a wide range of Thermoplastic rubber and urethane products for heavy duty service.

**U-Lok 1010 & U-Lok 1020**


**Applications**

- Extremely flexible
- Ideal for use with articulating equipment
- Compressible, saw dust control
- In plant clean up (FDA approved material)

**Construction**

- Product code: 3UL1010
  - Material: Urethane, 12 mil, clear
- Product code: 3UL1020
  - Material: Urethane, 20 mil, clear (style 1020)
- Construction: Mechanical lock, corrosion resistant helix
- Diameter: 3" to 24". Bend radius = 1.5 x I.D.
- Weight: 6" I.D. = 7 lbs/ft. (U-Lok 1010)
- Weight: 6" I.D. = 1.25 lbs/ft (U-Lok 1020)
- Length: 25 ft.
- Compression Ratio: 4:1
- Temperature Range: -20°F (-29°C) to +250°F (121°C)
- Colour: Clear

<table>
<thead>
<tr>
<th>I.D.</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work</td>
<td>4.3</td>
<td>4.3</td>
<td>3.6</td>
<td>3.5</td>
<td>3.3</td>
<td>2.2</td>
<td>1.8</td>
</tr>
<tr>
<td>Pressure/PSI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Negative</td>
<td>3.2</td>
<td>2.7</td>
<td>2.4</td>
<td>2.2</td>
<td>1.8</td>
<td>1.6</td>
<td>1.25</td>
</tr>
<tr>
<td>Pressure Inch. H.g</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**U-Lok 1030**

(30 mil Urethane Duct)

This extra heavy duty service duct will stand up to the toughest jobs. Constructed of 30 mil urethane, with an extra wide helix for added scuff resistance and strength. Great flexibility.

**Applications**

- Heavy duty abrasion resistance
- Leaf collection
- Material handling, woodworking
- High flexibility
- Oil resistant
- U.V. stabilized
- Meets FDA requirements 177.2600

**Construction**

- Product code: 3UL1030
- Material: Urethane, 30 mil, mechanical lock corrosion resistant helix
- Diameter: 4" to 14".
- Weight: 6" I.D. = 1.9 lbs/ft
- Colour: Black
- Compression Ratio: 4:1
- Length: 25 ft.
- Temperature Range: -20°F (-29°C) to +250°F (121°C)

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working</td>
<td>18</td>
<td>18</td>
<td>16</td>
<td>16</td>
<td>14</td>
<td>14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pressure/PSI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Negative</td>
<td>26</td>
<td>21</td>
<td>16</td>
<td>16</td>
<td>6</td>
<td>5</td>
<td>4.5</td>
<td></td>
</tr>
<tr>
<td>Pressure Inch. H.g</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SF-TPU (Wall Gauge 0.030")**

All extruded, molecularly bonded urethane duct with encapsulated wire offers maximum abrasion resistance and superior tear resistance. Molecularly bonded construction reduces turbulence for maximum flow efficiency. Encapsulated wire protects surfaces from scuffing. Manufactured with FDA approved materials.

**Applications**

- Lavatory waste
- Pellet material transfer
- Excellent low temperature flexibility
- Good chemical resistance, temperatures oil and ozone and fungus

**Construction**

- Product code: 9SFPTLUX
  - SFPTLU (with wire)
- Material: 0.030” clear extruded urethane
- Diameters: 1.5” to 24”
- Weight: 6” I.D. = 0.84 lbs/ft
- Lengths: 25 & 50 ft. to 8” diam., 25”-10” diam. and up
- Compression Ratio: 2:1
- Temperature range: -65°F (-54°C) to +200°F (93°C)
- Colour: Clear with clear helix

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working</td>
<td>22</td>
<td>20</td>
<td>18</td>
<td>18</td>
<td>16</td>
<td>16</td>
<td>14</td>
<td>14</td>
</tr>
<tr>
<td>Pressure/PSI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Negative</td>
<td>29</td>
<td>29</td>
<td>26</td>
<td>21</td>
<td>16</td>
<td>6</td>
<td>5</td>
<td>4.5</td>
</tr>
<tr>
<td>Pressure Inch. H.g</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SF LFC – Leaf Collector**

(SF-TPUW-HW Heavy Wall 0.045”)


**Applications**

- Leaf collection equipment
- Medium duty material handling
- Plant debris collection

**Construction**

- Product code: 9SFTPUX
  - 9SFTPUW (with wire)
- Material: 0.030” translucent blue urethane, encapsulated wire
- Diameters: 1.5” to 18”
- Weight: 6” I.D. = 4.1 lbs/ft
- Lengths: 25 & 50 ft. to 8”, 25’-10” diam. and up
- Compression Ratio: 2:1
- Temperature range: -65°F (-54°C) to +200°F (93°C)
- Colour: Blue with blue wear strip

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working</td>
<td>35</td>
<td>30</td>
<td>21</td>
<td>18</td>
<td>16</td>
<td>14</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>Pressure/PSI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Negative</td>
<td>30</td>
<td>30</td>
<td>29</td>
<td>26</td>
<td>23</td>
<td>13</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>Pressure Inch. H.g</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

ECCO Supply™

10-16  www.eccosupply.ca

---
NOVAFLEX HEAVY DUTY SERVICE DUCTING (cont’d)

SF – TPR – DC (Duct Cleaning)
Crush resistant duct with excellent shape retention. Extremely flexible and compressible. Enhanced chemical resistance of TPR with an extremely smooth interior for superior flow. Heavy duty external wear strip protects against abrasion - but will not scuff or mark surfaces. No wire.

Applications
Industrial and residential duct cleaning.
In-plant dust control; shop vacuum systems.
Chemical fume control.

Construction
Product code: 9SFTPRX_DC
Material: 0.045” extruded thermo plastic rubber
Diameters: 3” to 10”
Temperature range: -60°F to +250°F.
Weight: 1.8 lbs. - 8” diam.
Lengths: 25 & 50 ft. up to 8”, 10”-25 ft.
Compression Ratio: 2:1
Colour: Black with black external wear strip.
Temperature range: -60°F (-51°C) to +250°F (121°C)

<table>
<thead>
<tr>
<th>I.D.</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>7.5</td>
<td>7.3</td>
<td>7.2</td>
<td>7</td>
<td>6.7</td>
<td>5.5</td>
</tr>
<tr>
<td>Negative Pressure Inch. H.g</td>
<td>24</td>
<td>20</td>
<td>16</td>
<td>12</td>
<td>5</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Novaflex AP60 (All Purpose)
An extremely flexible and compressible all around heavy duty duct. With enhanced chemical and temperature resistance of TPR, with an extremely smooth interior for superior flow. A heavy duty external wire encapsulated wear strip protects against abrasion - but will not scuff or mark surfaces.

Applications
Industrial cleaning,
In-plant dust control,
Shop vacuum systems,
Chemical fume control.

Construction
Product code: 9NFAP60
Material: 0.060” extruded thermo plastic rubber
Diameters: 2” to 12”
Weight: 1.1 lbs/ft - 6” diam.
Lengths: 25 ft & 50 ft to 8” diam., 25” - 10” diam. and up
Compression Ratio: 2:1
Temperature range: -60°F (-51°C) to +225°F (107°C)
Colour: Black, with black external wear strip.

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>8.5</td>
<td>7.5</td>
<td>7.3</td>
<td>7.2</td>
<td>7</td>
<td>6.7</td>
<td>5.5</td>
<td>4.7</td>
</tr>
<tr>
<td>Negative Pressure Inch. H.g</td>
<td>26</td>
<td>24</td>
<td>20</td>
<td>16</td>
<td>12</td>
<td>5</td>
<td>4.5</td>
<td>4</td>
</tr>
</tbody>
</table>
NOVAFLEX ULTRA HIGH TEMPERATURE SERVICE

High temperature service ducting up to 1800°F provide flexible alternatives for ultra high temperature applications. Designed to be used in fume extraction systems where a negative pressure fan can be incorporated downstream from the heat and fume source.

**U-Lok 1000***
A highly flexible duct made of a fine wire reinforced (E-Glass ceramic cloth) that is chemically treated and coated. Ideal for higher temperature fume recovery.

*Applications*
- High temperature fume recovery
- Scuff resistant
- Flame resistant

*Air Velocity should be less than 50 m/sec.
*Not recommended for diesel fume applications

*Construction*
*Product code: 3UL1000*
*Construction: Mechanical bond, galvanized steel helix (also available stainless steel helix).*
*Diameters: 3" to 24" I.D. Larger sizes available.*
*Weight: 6" I.D. =1.01 lbs/ft.*
*Length: 25 ft.
*Compression Ratio: 3"-4"= 4:1
*Temperature range -200°F (-129°C) to +1000°F (538°C). Intermittent.

**U-Lok 1500***
A more robust, two ply high temperature service duct. Two plies high temperature resistant coated fabric offers a longer service life.

*Applications*
- Hot air extraction
- Heat shield or compensator
- Furnace construction
- Iron and steel works

*Air velocity should be less than 50m/sec
*Construction*
*Product code: 3UL1500*
*Construction: Mechanical bond, galvanized steel helix*
*Diameters: 4" to 24" I.D. Larger sizes available.*
*Weight: 6" I.D. =2.01 lbs/ft.*
*Length: 25 ft.
*Compression Ratio: 4:1
*Temperature range -200°F (-129°C) to +1500°F (816°C). Intermittent.

**U-Lok 2000***
This flexible three ply ceramic V4A/SS reinforced duct is designed for ultra high temperature resistance. 3 ply with ceramic textile filler.

*Applications*
- Fume exhaust systems where a negative pressure system is incorporated
- Engine testing vehicle maintenance, indoor environment
- High temperature fume recovery
- Heat shield or compensator
- Furnace construction
- Iron and steel works
- Air velocity should be less than 50m/sec

*Construction*
*Product code: 3UL2000*
*Construction: Mechanical bond, steel helix.*
*Diameters: 4" to 24" I.D.*
*Weight: 6" I.D. = 2.2 lbs/ft.*
*Length: 25 ft.
*Compression Ratio: 3:1
*Temperature range: Working temperature -200°F (-129°C) to +1500°F (816°C). (Intermittent to +1832°F (1000°C)).
*Colour: Metallic Grey

---

– E.&O.E. – All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra – May not be Available at All Branches –
NOVAFLEX GARAGE EXHAUST — INDOOR FUME CONTROL

Silicone — Hot air and vehicular exhaust extraction duct economical high temperature exhaust ducting for lower velocity applications up to 500°F. NovaFlex offers a wide range of silicone coated ducting for stationary to constant flexing applications in single and double ply styles.

**U-Lok 401/U-Lok 420**

The combination of standard external helix as a scuff guard and a non-glue construction results in the industry standard high-temperature duct.

**Applications**
- Automotive exhaust hose reel
- Gas exhaust control
- Hot fume control
- Hot air supply and removal
  *not recommended for diesel applications

**Construction**
- Product code: 3UL401X
- Material: Fiberglass/Silicone
- U-Lok 420 with additional silicone coating
- Construction: Mechanical bond, corrosion resistant helix.
- Diameters: 2” to 24” I.D.
- Bend radius: ≈ 1.5” x I.D.
- Weight: 6” I.D. = 1.1 lbs/ft.
- Length: 25 ft.
- Compression Ratio: 5:1
- Temperature range: -65°F (-54°C) to +500°F (260°C) intermittent.
  *Also available with stainless steel helix

<table>
<thead>
<tr>
<th>I.D.</th>
<th>Working Pressure/PSI</th>
<th>Negative Pressure Inch. H.g</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>8</td>
<td>7</td>
</tr>
<tr>
<td>3</td>
<td>6.8</td>
<td>5.65</td>
</tr>
<tr>
<td>4</td>
<td>7</td>
<td>5.5</td>
</tr>
<tr>
<td>5</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td>6</td>
<td>10</td>
<td>4.5</td>
</tr>
<tr>
<td>8</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>10</td>
<td>15</td>
<td>3.5</td>
</tr>
<tr>
<td>12</td>
<td>20</td>
<td>3</td>
</tr>
</tbody>
</table>

**MBSF - Silicone Fiberglass**

2 ply silicone fiberglass exhaust extraction duct. This premium duct is constructed of 2 ply woven fiberglass coated with silicone rubber. The inner and cover plies are high temperature bonded and wire encapsulated to provide maximum flexibility and serviceability.

**Applications**
- Medium pressure hot-air handling
- Handling of combustion by-products
- Economical style for stationary or low movement exhaust control

**Construction**
- Product code: 3MB5FX
- Material: Silicone coated fiberglass - 2 plies
- Construction: Molecular bonded, wire encapsulated
- Diameters: 2” to 24” I.D.
- Weight: 6” ID = .9 lbs/ft.
- Length: 24 ft., longer lengths available
- Compression Ratio: 2:1
- Temperature range: -60°F (-51°C) to +500°F (260°C) (+600°F [315°C] intermittent)
- Colour: Orange/Red
  *(available with external wearstrip

<table>
<thead>
<tr>
<th>I.D.</th>
<th>Working Pressure/PSI</th>
<th>Negative Pressure Inch. H.g</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>5.5</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>3.5</td>
</tr>
<tr>
<td>6</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>8</td>
<td>10</td>
<td>2.5</td>
</tr>
<tr>
<td>12</td>
<td>15</td>
<td>1.5</td>
</tr>
</tbody>
</table>

**U-Lok 440/U-Lok 440 HR**

Single-ply economical silicone fiberglass duct designed for vehicular exhaust extraction and high temperature air transfer. Ultra flexible mechanical lock construction provides superior tear and tensile strength and eliminates wire movements found in traditional single-ply duct. Air tight construction. Uniform flexibility and compressibility reduces exhaust turbulence and pressure loss.

**Applications**
- High temperature air supply and removal
- Exhaust hose reels
- Garage fume control
- Combustion by-products

**Construction**
- Product code: 3UL440X
- Material: Medium gauge silicone coated fiberglass
- Construction: Mechanical lock, external steel scuff guard
- Diameters: 2” to 12”
- Weight: 6” I.D. = 1.1 lbs/ft.
- Length: 25 ft.
- Compression Ratio: 5:1
- Temperature range: -60°F (-51°C) to +500°F (260°C)
- Colour: Orange/red with black external scuff guard

<table>
<thead>
<tr>
<th>I.D.</th>
<th>Working Pressure/PSI</th>
<th>Negative Pressure Inch. H.g</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>8</td>
<td>7</td>
</tr>
<tr>
<td>3</td>
<td>6.8</td>
<td>5.65</td>
</tr>
<tr>
<td>4</td>
<td>7</td>
<td>5.5</td>
</tr>
<tr>
<td>5</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td>6</td>
<td>10</td>
<td>4.5</td>
</tr>
<tr>
<td>8</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>10</td>
<td>15</td>
<td>3.5</td>
</tr>
<tr>
<td>12</td>
<td>20</td>
<td>3</td>
</tr>
</tbody>
</table>

**Silicone Nomex® Duct**

For use with hose reels

2 ply silicone nomex exhaust extraction duct offers the added strength and durability required to sustain constant flexing or use on hose reels.

**Applications**
- High temperature air movement
- Exhaust hose reels
- Garage fume control involving constant flexing

**Construction**
- Product code: 3MBSFR
- Material: 1 ply silicone coated fiberglass, 1 ply Nomex
- Construction: molecular, bonded wire encapsulated
- Diameters: 2” to 24” I.D.
- Weight: 6” ID = .9 lbs/ft.
- Lengths: 12 to 24 ft., longer lengths available
- Compression Ratio: 2:1
- Temperature range: -60°F (51°C) to +500°F (260°C) (+600°F [315°C] intermittent)
- Colour: Orange/Red
  *(available with external wearstrip

<table>
<thead>
<tr>
<th>I.D.</th>
<th>Working Pressure/PSI</th>
<th>Negative Pressure Inch. H.g</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td>3</td>
<td>45</td>
<td>14</td>
</tr>
<tr>
<td>4</td>
<td>40</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>35</td>
<td>8</td>
</tr>
<tr>
<td>6</td>
<td>30</td>
<td>6</td>
</tr>
<tr>
<td>8</td>
<td>15</td>
<td>4</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
<td>3</td>
</tr>
</tbody>
</table>

---

ECCO Supply™

www.eccosupply.ca  10-19
NOVAFLEX MEDIUM DUTY FUME CONTROL

Ultra flexible lightweight ducts designed specifically for industrial chemical fume control applications.

U-Lok 500
This nylon polyamide duct provides good chemical resistance at an affordable price. With an excellent gas permeability rating this product is ideal for containing noxious odors and gases.

Applications
Chemical fume control
Clean room
Visual monitor, sight gauge
Painting
Laboratory

Construction
Product code: 3UL500X
Material: Nylon/Polyamide (clear)
Construction: Mechanical bond, corrosion resistant helix
Diameter: 3" to 24" I.D.
Weight: 6" I.D. = .8 lbs/ft
Length: 25ft
Temperature Range: -40°F (-40°C) to +250°F (121°C)
Colour: Clear

I.D.  2  3  4  5  6  8  10  12
Working Pressure/PSI 5  4.3  4  3.6  3.5  3  2.2  1.8
Negative Pressure Ind. H.g 3.3  3.2  2.7  2.4  2.2  1.8  1.6  1.25

U-Lok 600 and U-Lok 620
Manufactured with clear all PVC film. An ideal all around fume control duct. Lightweight and economical. Available in 12 mil light gauge and 20 mil medium gauge wall for added strength.

Applications
Clean rooms
Fume control
Chemical dust control
Also suitable for light duty dust control

Construction
Product code: 3UL600X  3UL620X
Material: Poly vinyl chloride, 12 mil or 20 mil
Construction: Mechanical bond, corrosion resistant helix
Diameters: 3" to 24" I.D.
Bend Radius: 1.5 X I.D.
Length: 25ft
Temperature Range: -20°F (-29°C) to +160°F (71°C)
Compression Ratio: 6:1

I.D.  3  4  5  6  8  10  12
Working Pressure/PSI 3.6  3.2  2.7  2.6  1.8  1.4  1.2  UL600
Negative Pressure Ind. H.g 2.7  2.6  2.2  2  1.7  1.4  1.1  UL600

U-Lok 621
With the added polyester reinforcement U-Lok 621 is an all around fume and dust control duct.
Available in medium gauge for added strength.

Applications
Acid fumes
Exhaust hoods
Light material handling

Construction
Product code: 3UL621X
Material: Polyester/PVC coated, black
Construction: Mechanical bond, corrosion resistant helix
Diameters: 3" to 24" I.D.
Weight: 6" I.D. = .85 lbs/ft
Length: 25 ft
Temperature Range: -20°F (-29°C) to +160°F (71°C)
Compression Ratio: 6:1
Colour: Yellow

I.D.  3  4  5  6  8  10  12
Working Pressure/PSI 3.6  3.2  2.7  2.6  1.8  1.4  1.2
Negative Pressure Ind. H.g 2  1.8  1.3  1.2  1.1  .7  .6

---

ECCO Supply™
10-20 www.eccosupply.ca

-- E.&O.E. – All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra – May not be Available at All Branches --
NOVAFLEX SPECIALTY FUME CONTROL

For superior fume control service NovaFlex offers a range of ultra high performance materials. Even the most noxious fumes can be contained to meet today's stringent health and environmental requirements.

**U-Lok 1100**

An extremely versatile combination of fiberglass and PTFE. Ultra flexible for tight bends.

**Applications**
- Highly corrosive fumes
- Hot exhaust
- High temperature where silicone is not permitted
- Resists over 3,000 chemicals
- Diesel exhaust extraction where temperature permits. *Not suitable for wet fumes*

**Construction**
- Product code: 3UL1100
- Material: Fiberglass/PTFE coated
- Construction: Mechanical bond, corrosion resistant helix
- Diameters: 3" to 24" I.D. Larger sizes available
- Bend Radius = 1.5 X I.D.
- Weight: 6" I.D. = .9 lbs/ft
- Length: 25 ft
- Compression Ratio: 4:1
- Temperature Range: -65°F (-54°C) to +500°F (260°C)
- Colour: Grey

<table>
<thead>
<tr>
<th>I.D.</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>3.75</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Negative Pressure Inch. H.g</td>
<td>3.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**U-Lok 1105**

This duct is chemical resistant and food grade quality. It is clear for visual monitoring and offers the high performance of Teflon®.

**Applications**
- Severe duty fume control
- High temperature fume control
- Ideal for wet fumes
- Chemical pharmaceutical pellets and dust
- FDA Rated Material

**Construction**
- Product code: 3UL1105
- Material: Ultra high performance Teflon® PFA film
- Construction: Mechanical bond, stainless steel helix
- Diameters: 3" to 24" I.D. Larger sizes available
- Bend Radius = 1.5 X I.D.
- Weight: 6" I.D. = 1.09 lbs/ft
- Length: 25 ft
- Compression Ratio: 6:1
- Temperature Range: -65°F (-54°C) to 500°F (260°C)
- ® Teflon is a registered trademark of DuPont.
- Colour: Clear to translucent

<table>
<thead>
<tr>
<th>I.D.</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>3.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Negative Pressure Inch. H.g</td>
<td>3.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**U-Lok 1115**

An extremely flexible duct designed specifically to handle today’s extremely noxious fumes including fluorine. Ideal for both wet fumes and dry fumes.

**Applications**
- Good abrasion resistance for exhaust with particulate
- Good tear and puncture resistance
- Excellent cold temperature resistance
- Diesel exhaust extraction where temperature permits
- Extreme chemical resistance

**Construction**
- Product code: 3UL1115
- Material: 100% PTFE
- Construction: Double ply bonded film mechanical lock, external metal helix
- Diameters: 4" to 24" I.D. Larger sizes available
- Bend radius: 1.5 x I.D.
- Weight: 6" I.D. = .9 lbs/ft
- Length: 25 ft
- Compression: 4:1
- Temperature Range: -200°F (-129°C) to +400°F (204°C). Continuous +500°F (260°C) (intermittent)
- Colour: Blue, also available in black

<table>
<thead>
<tr>
<th>I.D.</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>2.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Negative Pressure Inch. H.g</td>
<td>2.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
NOVAFLEX EXHAUST SYSTEM ACCESSORIES

The life of all fabric ducts can be greatly extended when sized correctly according to equipment exhaust requirements. Novaflex offers a complete line of fittings and accessories for use in exhaust systems. Where exhaust fume leakage is of concern a negative pressure fan system should be incorporated. Please consult a Novaflex factory salesperson for correct sizing for diesel, caustic or high velocity exhaust applications. This will also aid in reducing exhaust temperatures and static pressures.

**GEAR CLAMPS**
Stainless steel, 9/16” wide band, available in sizes 3” to 24”.

**BRIDGE CLAMPS**
For superior sealing. Stainless steel, 9/16” wide band, available in sizes 3” to 24”.

**COUPLINGS - DUCT MENDER**
Available in galvanized or stainless steel.

**FUME HOOD**
For venting fumes, smoke and noxious odors.

**DOUBLE WALL FITTINGS**
To provide a secure end connection on insulated products.

**ELBOWS**
Used in bends to mitigate premature duct wear.

**REDUCERS INCREASERS**
Used to accommodate varying duct and fitting diameters.
NOVAFLEX WELDING EXHAUST/UTILITY BLOWER DUCT

Welding Exhaust Ducting, designed specifically for improved indoor air quality. Utility Blower Duct is designed to carry large volumes of warm or cold air in indoor or outdoor environments.

**U-Lok 4700**

Welding exhaust high temperature fume extraction. This 2-ply heavy duty duct provides high temperature service and extra durability.

- **Applications**: High temperature exhaust in hot environments
- **Ideal for**: Removal of welding fumes
- **Very flexible**: Ideal for difficult installations
- **Outer aluminumized fiberglass deflects heat**
- *Not recommended for contact with sparks or slag*

**Construction**

- **Product code**: 3UL4700
- **Material**: Inner skin: Silicone coated fiberglass
- **Outer skin**: Tri-laminate fiberglass coated with aluminized polyester/polyamide
- **Available**: Stainless steel helix

- **Construction**: Mechanical bond, corrosion resistant helix.
- **Diameters**: 4" to 24" I.D.
- **Bend Radius**: 1.5 X I.D.
- **Weight**: 6" I.D. = 1.34 lbs/ft
- **Length**: 25ft
- **Compression Ratio**: 4:1
- **Temperature Range**: -20°F (-29°C) to +600°F (315°C)
- **Colour**: Metallic Silver

---

**Flame Retardant TPR**

This flame retardant welding fume extraction duct and cable cover is designed specifically for welding environments including sparks and slag.

- **Applications**: Flexibility allows fit around tight corners and limited spaces
- **Ideal for**: Dust and fume removal

**Construction**

- **Product code**: 9SFTPWR_Fr
- **Material**: Flame retardant thermoplastic rubber
- **Diameters**: 2" to 12"
- **Weight**: 6" = .77 lbs/ft
- **Lengths**: 25 ft & 50 ft to 8" diam., 25' - 10" and up
- **Compression Ratio**: 2:1
- **Temperature range**: -40°F (-40°C) to +275°F (135°C), continuous, +300°F (149°C) (intermittent)
- **Colour**: Black with Orange wear strip
- *Available with and without encapsulated wire*

---

**Vinyl Blower Duct (Fabric Reinforced)**

Fabric reinforced vinyl coated blower duct, ideal for fresh air supply. Manufactured with a molecularly bonded wearstrip for scuff resistance. An economical duct for large volume air transfer. This duct is reinforced with a spring steel helix and covered with a urethane wearstrip.

**Applications**

- Scuff resistant
- Economical
- Compressible and flexible

**Construction**

- **Product code**: 3ULBDVWX
- **Material**: Polyester single fabric coated with vinyl
- **Construction**: Single ply fabric over fully encapsulated spring steel helix with urethane wearstrip
- **Diameters**: 6" to 24" I.D. Larger sizes available
- **Bend Radius**: 12" diam. = 7"
- **Weight**: 6" I.D. = .7 lbs/ft
- **Length**: 25ft
- **Compression Ratio**: 10:1
- **Temperature Range**: -20°F (-29°C) to +180°F (82°C)
- **Colour**: Yellow with Black scuff guard

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>- 4.4</td>
<td>4</td>
<td>3.6</td>
<td>3.5</td>
<td>3</td>
<td>2.15</td>
<td>1.8</td>
<td>1.25</td>
</tr>
<tr>
<td>Negative Pressure Inch. Hg</td>
<td>- 3.2</td>
<td>2.7</td>
<td>2.4</td>
<td>2.2</td>
<td>1.8</td>
<td>1.6</td>
<td>1.25</td>
<td></td>
</tr>
</tbody>
</table>

---

**Clear Extruded PVC Blower Duct**

All extruded PVC Blower duct provides an economical alternative to fabric reinforced blower duct. With a 0.045” gauge wall with spring steel wire, this product is as robust as they come. Rot and mildew resistant. Clear wall is unobtrusive. Excellent for inflatable amusements, tents, etc.

- **Applications**: Ideal for use as flame retardant protective jacket for cables, beverage lines etc.

**Construction**

- **Product code**: 9SFVW_BD
- **Material**: Extruded PVC – Clearduct
- **Cover**: Extruded molecularly bonded thermoplastic wearstrip
- **Reinforcement**: Spring steel helix
- **Diameters**: 8" to 24"
- **Bend Radius**: 12" diam. = 7"
- **Weight**: 24" I.D. = 3 lbs/ft
- **Length**: 25 ft
- **Compression**: 10:1
- **Temperature range**: -20°F (-29°C) to +165°F (74°C)
- **PVC style**: -40°F (-40°C) to 275°F (135°C) TPR style
- **Colour**: Clear with Black scuff strip

<table>
<thead>
<tr>
<th>I.D.</th>
<th>8</th>
<th>10</th>
<th>12</th>
<th>14</th>
<th>16</th>
<th>18</th>
<th>20</th>
<th>22</th>
<th>24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>5</td>
<td>7</td>
<td>6.3</td>
<td>6</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Negative Pressure Inch. Hg</td>
<td>6</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>
NOVAFLEX TEMPERATURE LOSS PROTECTION

Veratile insulated flexible ducting for temperature loss protection. Combine any NovaFlex ducting to meet specific application needs.

**U-Lok 900**

A hose designed to move hot air from source to site of use, with minimal heat loss. Double jacketed and insulated with 1 inch of fiberglass insulation.

**Applications**
- Plasics, industry, drying
- Glass drying
- Outdoor heaters
- Cold air supply
- Hot air supply

**Construction**
- Product code: 3UL900X
- Material: Outer: Polyester/Neoprene - U-Lok 100
  Inner: Silicone/Fiberglass - U-Lok 401
- Construction: Two ply fabric over fully encapsulated spring steel helix
- Diameters: 2" to 20" I.D. Larger sizes available
- Bend Radius = 2 X I.D.
- Weight: 6" I.D. = 2.1lbs/Ft
- Length: 12ft
- Temperature Range: -65°F (-54°C) to +600°F (315°C)

*available in other inner and outer jacket configurations and high temperature insulation

**Colour:** Black outer, Grey inner ply

<table>
<thead>
<tr>
<th>I.D.</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>4.3</td>
<td>4</td>
<td>3.6</td>
<td>3.5</td>
<td>3</td>
<td>2.15</td>
<td>1.8</td>
</tr>
<tr>
<td>Negative Pressure Inch. H.g</td>
<td>3.2</td>
<td>2.7</td>
<td>2.4</td>
<td>2.2</td>
<td>1.8</td>
<td>1.6</td>
<td>1.25</td>
</tr>
</tbody>
</table>

**Double Wall Fitting**

Designed specifically for U-Lok 900 style insulated duct. Fitting provides for a secure connection of inner and outer jackets while sealing off the insulation layer.

Novaflex can provide many double wall insulated duct configurations to meet specific application needs.
NOVAFLEX EXTRUDED MATERIAL HANDLING HOSE

NovaFlex extruded thermoplastic material handling hoses provide an economical alternative to cumbersome rubber hose. These products are ideal for use in medium pressure applications where operator ease of handling is critical.

**SF-AGRI**
A flexible, chemical resistant hose featuring a thermoplastic rubber tube and a molecularly bonded polypropylene helix. This hose has a heavy duty wall with superior chemical resistance that is ideal for dry and wet fertilizers. Green external helix for safety. Smooth interior for optimum product flow. Uniform chemical and temperature resistance.

**Applications**
Agricultural processors
Marine
Liquid waste - septic tank service
Dewatering
Swimming pool maintenance

**Material:** Thermoplastic rubber

**Construction**
Product code: 9SFAGRX

<table>
<thead>
<tr>
<th>I.D.</th>
<th>1</th>
<th>1.5</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>45</td>
<td>40</td>
<td>25</td>
</tr>
<tr>
<td>Negative Pressure Inch. H.G</td>
<td>29</td>
<td>29</td>
<td>29</td>
<td>29</td>
<td>29</td>
<td>28</td>
</tr>
</tbody>
</table>

**SF-HDAP**
A robust all purpose thermoplastic rubber hose for dry and wet material handling. Heavy duty thermoplastic inner tube with fully encapsulated plastic, external wear strip. All extruded thermoplastic heavy wall hose. Designed for medium duty material handling where flexibility is paramount. Offers superior chemical and temperature resistance. *Note where static charge is a concern, please refer to NF-Static Conductor style.*

**Applications**
Good chemical resistance
Heavy wall for industrial use
Abrasion resistant for medium duty material handling
Smooth interior for superior product flow

**Bend radius:**
3" I.D. = 4" 6" I.D. = 6"

**Negative Pressure Inch. H.G:**
Colour: Black with green wear strip

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>40</td>
<td>35</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Negative Pressure Inch. H.G</td>
<td>29</td>
<td>29</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>27</td>
</tr>
</tbody>
</table>

**Novaflex Mulch Hose**
An economical alternative to all urethane and rubber material handling hose. Manufactured with a heavy gauge PVC wall and polyurethane liner for superior abrasion resistance. A clear wall for visual flow monitoring of material.

**Applications**
Wood chipping equipment
Leaf collection equipment

**Material:** PVC wall, polyurethane liner

**Construction**
Product code: 9NFPVUMU

<table>
<thead>
<tr>
<th>I.D.</th>
<th>2.5</th>
<th>3</th>
<th>4</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure/PSI</td>
<td>40</td>
<td>40</td>
<td>35</td>
<td>30</td>
</tr>
<tr>
<td>Negative Pressure Inch. H.G</td>
<td>29</td>
<td>29</td>
<td>29</td>
<td>28</td>
</tr>
</tbody>
</table>

**SF-TPU**
A robust all purpose thermoplastic rubber hose for dry and wet material handling. Heavy duty thermoplastic inner tube with fully encapsulated plastic, external wear strip. All extruded thermoplastic heavy wall hose. Designed for medium duty material handling where flexibility is paramount. Offers superior chemical and temperature resistance.

**Applications**
Good chemical resistance
Heavy wall for industrial use
Abrasion resistant for medium duty material handling
Smooth interior for superior product flow

**Temperature range:**
-65°F (-54°C) to +225°F (106°C)

**Cost:**
Black with black external helix

<table>
<thead>
<tr>
<th>I.D.</th>
<th>4</th>
<th>6</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Style: Vac Working Pressure/PSI</td>
<td>35</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Style: Discharge Working Pressure/PSI</td>
<td>25</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>Style: Vac Working Negative Pressure Inch. H.G</td>
<td>29</td>
<td>29</td>
<td>29</td>
</tr>
<tr>
<td>Style: Discharge Negative Pressure Inch. H.G</td>
<td>27</td>
<td>25</td>
<td>25</td>
</tr>
</tbody>
</table>

ECCO Supply™
www.eccosupply.ca

---

- E.&O.E. – All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra – May not be Available at All Branches –

www.flexmaster.com 10-25
---

**NOVAFLEX EXTRUDED MATERIAL HANDLING HOSE (cont’d)**

**Static Conductor* Medium Duty Material Handling Hose**
A flexible conductive hose designed to allow for safe grounding during wet and dry material transfer operations. This hose is lightweight with a smooth interior for optimum flow.

**Applications**
- Agricultural clean up, grain, seeds etc.
- Wood chipping/leaf collection
- Pellet and powder transfer
- Coal dust evacuation

**Construction**
- Product code: 9NFSCP
- Material: TPR copolymer with rigid plastic external scuff guard
- Diameters: 2” to 6”
- Bend radius: 4” I.D. = 4.25”
- Weight per/ft: 4”= 1.4 lbs
- Lengths: 2” to 4” 100 ft, 6” - 50 ft
- Temperature Range: -40°F (-40°C) to 200°F (93°C)

*Conductivity of hose should be regularly tested. Test with OHMS meter using conductive fittings inserted into each end of hose.

**Colour:** Red with Black scuff guard

---

**Medium Duty Material Transfer Hose**
.045” TPU wall provides excellent abrasion resistance.
Rigid external PVC helix provides strength and flexibility.

**Applications**
- Medium duty material handling
- Mulch blowing
- Hydro seeding

**Construction**
- Product code: 9SFTPUX_HW
- Temperature range: -65°F (-54°C) to +200°F (93°C)
- Standard length: 25 ft & 50 ft
- Standard diameters: 2” to 12”
- Standard color: Blue with blue wear strip

---

**Yellow Jack (Pumper Sanitation Hose)**
All extruded heavy wall sanitation suction hose. Unique interlock construction provides for extreme flexibility and kink resistance.

**Applications**
- Liquid transfer – sanitary and cesspool
- Machine and tank liquid transfer
- Utility suction operations

**Construction**
- Product code: 9NFYLJK
- Material: Eva/Polyethylene co-polymer
- Diameters: 1.5”, 2”, 2.5”, 3” and 4”
- Bend radius: 2” = 3.75”
- Weight: 2” = .6 lbs/ft
- Lengths: diameters: 1½” to 3”:10ft, 20ft, 25ft, 30ft, 50ft, 60ft. 4” diameter: 10ft, 20ft, 25ft
- Temperature range: -40°F (-40°C) to +140°F (60°C)
- Colour: Yellow and Black

Available with factory installed cuffs or in bulk lengths

---

**PVCX with static wire**
“Easy to ground” Light weight PVC
Lightweight translucent PVC duct has an easily accessible static grounding wire. Economical dust and wood particle collection duct.

**Applications**
- Good resistance to oil, alkali and acids
- Extremely flexible with good abrasion resistance
- Clear construction for visual monitoring

**Construction**
- Product code: 9SFPCX_SW
- Temperature range: –20°F (-29°C) to +165°F (74°C)
- Lengths: 25 & 50 ft.
- Sizes: 2” to 12”
- Clear with rigid helix and static wire. FDA material.

---

---
### CHEMICAL RESISTANCE CHART

Chemical resistance of Neoprene, Hypalon, Polyvinyl Chloride, Silicone, Polyamide, Teflon, Thermoplastic Rubber, Polyurethane.

The following information is presented as a general guide only. The number of variables which can be present in any application make firm recommendations impossible. Adequate testing under actual service conditions is recommended to properly establish suitability.

**Chart Rating:**
- ● Little or no effect
- ■ Moderate effect
- ▲ Severe effect
- ◆ No data available

<table>
<thead>
<tr>
<th></th>
<th>Neoprene Rubber</th>
<th>Hypalon Rubber</th>
<th>Polyvinyl Chloride</th>
<th>Silicone Rubber</th>
<th>Polyamide Nylon</th>
<th>Teflon</th>
<th>Thermoplastic Rubber</th>
<th>Polyurethane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic Acid (30%)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Acetone</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Aluminum Chloride</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Aluminum Sulfate</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Ammonia (ANHYD)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Ammonium Hydroxide</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Ammonium Sulfate</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Amyl Acetate</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Barium Sulfate</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Benzene</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Black Sulfate Liquor</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Boric Acid</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Bromine</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Butyl Acetate</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Butyl Alcohol</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Cadmium Plating Solution</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Calcium Hypochloride</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Carbon Disulfide</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Carbon Tetrachloride</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Chloronated Solvents</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Chloroform</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Chlorine Water</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Chromic Acid</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Chromium Plating Solution</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Citric Acid A</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Copper Chloride</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Copper Sulfate</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Cotton Seed Oil</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Creosote Oil</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Diacetone Alcohol</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Dowthern (A + E)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Disodium Phosphate</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

(cont’d on next page)
### CHEMICAL RESISTANCE CHART (cont’d)

**Chart Rating:**
- Little or no effect
- Moderate effect
- Severe effect
- No data available

<table>
<thead>
<tr>
<th></th>
<th>Neoprene Rubber</th>
<th>Hypalon Rubber</th>
<th>Polyvinyl Chloride</th>
<th>Silicone Rubber</th>
<th>Polyamide Nylon</th>
<th>Teflon</th>
<th>Thermoplastic Rubber</th>
<th>Polyurethane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Acetate</td>
<td>▲</td>
<td>▲</td>
<td>▲</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>▲</td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Ethylene Dichloride</td>
<td>▲</td>
<td>▲</td>
<td>▲</td>
<td>■</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Ferric Chloride (40%)</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Ferric Sulfate</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Fluroboric Acid</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Formaldehyde (40%)</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Formaldehyde (over 100°F)</td>
<td>▲</td>
<td>▲</td>
<td>▲</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Formic Acid</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Gasoline</td>
<td>■</td>
<td>▲</td>
<td>▲</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>■</td>
</tr>
<tr>
<td>Glucose</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Glycerine</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Heptane</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Hexane</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Hydrobromic Acid (40%)</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Hydrochloric Acid (conc)</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Hydrofluoric Acid (100%)</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Hydrogen Sulfide</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Isopropyl Ether</td>
<td>▲</td>
<td>▲</td>
<td>▲</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Kerosene</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>■</td>
</tr>
<tr>
<td>Lactic Acid</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Linseed Oil</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Lubricating Oil</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>■</td>
</tr>
<tr>
<td>Magnesium Chloride</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Magnesium Hydroxide</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Maleic Oil</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>■</td>
</tr>
<tr>
<td>Methyl Alcohol</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Methyl</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Methylene Chloride</td>
<td>▲</td>
<td>▲</td>
<td>▲</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>▲</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Naphtha</td>
<td>■</td>
<td>■</td>
<td>■</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>■</td>
</tr>
<tr>
<td>Naphthalene</td>
<td>▲</td>
<td>▲</td>
<td>▲</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>▲</td>
</tr>
<tr>
<td>Nickel Chloride</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Nickel Sulfate</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Nitric Acid (40%)</td>
<td>▲</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
</tr>
<tr>
<td>Nitrobenzene</td>
<td>▲</td>
<td>▲</td>
<td>▲</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>▲</td>
</tr>
</tbody>
</table>

(continued on next page)
### CHEMICAL RESISTANCE CHART (cont'd)

**Chart Rating:**
- ● Little or no effect
- ▲ Moderate effect
- ▲ Severe effect
- ✤ No data available

<table>
<thead>
<tr>
<th></th>
<th>Neoprene Rubber</th>
<th>Hypalon® Rubber</th>
<th>Polyvinyl Chloride</th>
<th>Silicone Rubber</th>
<th>Polyamide Nylon</th>
<th>Teflon</th>
<th>Thermoplastic Rubber</th>
<th>Polyurethane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oleic Acid</td>
<td>●</td>
<td>■</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Oleum</td>
<td>▲</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Oxalic Acid</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Petroleum Oils</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Phosphoric Acid (85%)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Pickling Solution</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Potassium Chloride</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Potassium Cyanide</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Potassium Dichromate</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Potassium Hydroxide (40%)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Potassium Sulfate</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Propyl Alcohol</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Skydrol</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Skydrol 500</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Sodium Hydroxide (40%)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Sodium Hypochlorite</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Steam</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Sulfur Dioxide (Liquid)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Sulfuric Acid (50%)</td>
<td>▲</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Sulfuric Acid (over 50%)</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Sulfurous Acid</td>
<td>▲</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Tannic Acid</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Toluene</td>
<td>▲</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Tichloroethylene</td>
<td>▲</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Turpentine</td>
<td>▲</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Vinegar</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

**NOTE:** Neoprene, Hypalon and Teflon are registered trademark of E.I. DuPont Co.