

## Datasheet

### PVC 10m Long Blue Flexible Ducting Reinforced, 175mm Bend Radius , Applications Various

RS Stock number 339-9870



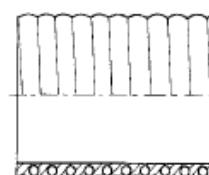
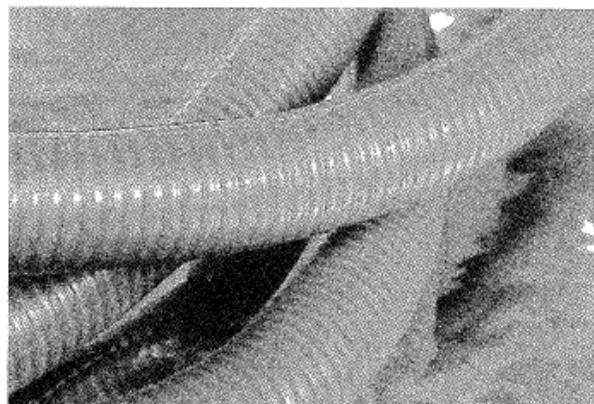
CODE 220

**Description:** A white helix embedded in blue oil resistant superelastic flexible pvc compound.

**Temperature:** - 20°C +55°C.

**Application:** This hose is suitable for the medium duty suction and discharge of black fuel oils, gas oils, kerosene, paraffin, hydraulic oils, mineral based oils, lubricating oils and greases. It is not suitable for benzene, xylol and aromatic solvents.

**Advantages:** Although designed for medium duty applications this hose remains very flexible and is easy to handle in use.



| I.D.<br>ins. | Wall<br>Thickness<br>mm. | Weight<br>gr./mtr. | Bending<br>Radius<br>mm. | Vacuum<br>m.H <sub>2</sub> O | Working<br>Pressure<br>bar | Coil<br>Length<br>mtr. |
|--------------|--------------------------|--------------------|--------------------------|------------------------------|----------------------------|------------------------|
| 3/4          | 2.8                      | 450                | 90                       | 7                            | 6                          | 30                     |
| 1            | 3                        | 500                | 90                       | 7                            | 6                          | 30                     |
| 1 1/4        | 4.5                      | 600                | 110                      | 7                            | 5                          | 30                     |
| 1 1/2        | 4.7                      | 700                | 130                      | 7                            | 5                          | 30                     |
| 2            | 5.5                      | 1050               | 175                      | 7                            | 4.5                        | 30                     |
| 2 1/2        | 6                        | 1390               | 220                      | 7                            | 4                          | 30                     |
| 3            | 6.4                      | 1700               | 270                      | 7                            | 3.5                        | 30                     |
| 4            | 7.4                      | 2700               | 360                      | 7                            | 2.5                        | 30                     |

## CODE 240

**Description:** A high tensile steel spring helix centrally positioned in a thick flexible translucent flexible PVC.

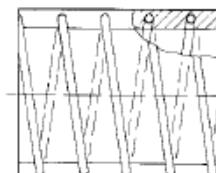
**Temperature:** -5°C +65°C.

**Application:** This hose is suitable for high vacuum applications in food and non food industries. It is equally suited to dry or liquid transfer applications. Is suitable for beverages and alcohols that do not contain more than 28% alcohol. It is an ideal hose for use in applications that require constant flexing.

**Advantages:** High impact resistance, can be knocked back into shape if it crushes. Good abrasion resistance. Practically full vacuum throughout size range at ambient temperature. Good chemical resistance. Good weathering resistance. Excellent transparency, easy to see product being conveyed, and locate blockages. Smooth internal bore and smooth outside cover.



| I.D.<br>mm. | Wall<br>Thickness<br>mm. | Weight<br>gr./mtr. | Bending<br>Radius<br>mm. | Vacuum<br>m.H <sub>2</sub> O | Working<br>Pressure<br>bar | Coil<br>Length<br>mtr. |
|-------------|--------------------------|--------------------|--------------------------|------------------------------|----------------------------|------------------------|
| 10          | 3                        | 155                | 20                       | 9.5                          | 8                          | 60                     |
| 12          | 3                        | 180                | 25                       | 9.5                          | 8                          | 60                     |
| 14          | 3.2                      | 200                | 30                       | 9.5                          | 8                          | 60                     |
| 16          | 3.2                      | 225                | 35                       | 9.5                          | 8                          | 60                     |
| 18          | 3.2                      | 280                | 40                       | 9.5                          | 7                          | 60                     |
| 20          | 3.4                      | 340                | 50                       | 9.5                          | 7                          | 60                     |
| 22          | 3.6                      | 360                | 55                       | 9.5                          | 6                          | 60                     |
| 25          | 4                        | 510                | 60                       | 9.5                          | 6                          | 60                     |
| 30          | 4.7                      | 680                | 70                       | 9.5                          | 5                          | 60                     |
| 32          | 4.8                      | 730                | 75                       | 9.5                          | 5                          | 60                     |
| 35          | 4.5                      | 730                | 80                       | 9.5                          | 5                          | 60                     |
| 38          | 5.5                      | 950                | 90                       | 9.5                          | 5                          | 30                     |
| 40          | 6.5                      | 1220               | 95                       | 9.5                          | 5                          | 30                     |
| 45          | 6.5                      | 1400               | 110                      | 9.5                          | 5                          | 30                     |
| 50          | 7                        | 1600               | 125                      | 9                            | 5                          | 30                     |
| 60          | 7.2                      | 2050               | 140                      | 9                            | 5                          | 30                     |
| 63          | 7                        | 2250               | 150                      | 9                            | 4                          | 30                     |
| 70          | 8                        | 2600               | 180                      | 9                            | 4                          | 30                     |
| 75          | 8                        | 2850               | 200                      | 9                            | 4                          | 30                     |
| 80          | 8                        | 3200               | 220                      | 9                            | 3                          | 30                     |
| 90          | 8.5                      | 3700               | 260                      | 9                            | 3                          | 30                     |
| 100         | 9.5                      | 4300               | 300                      | 9                            | 3                          | 30                     |
| 105         | 9                        | 3900               | 310                      | 9                            | 3                          | 20                     |
| 110         | 9.5                      | 4800               | 320                      | 9                            | 3                          | 20                     |
| 120         | 9                        | 5200               | 340                      | 9                            | 2                          | 20                     |
| 125         | 9.3                      | 5400               | 350                      | 9                            | 2                          | 20                     |
| 150         | 9.5                      | 7200               | 450                      | 9                            | 2                          | 20                     |



All data refers to performance at 18°C. Any increase of temperature, above or below, will affect the performance data.  
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## SUPERFLEX KL

CODE 430

**Description:** A heavy duty PVC coated steel spiral helix embedded in a thick layer of flexible grey self extinguishing PVC.

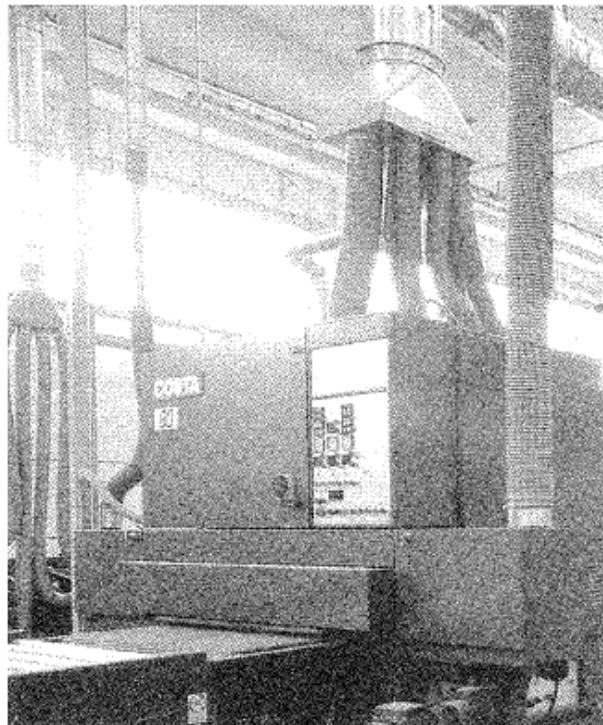
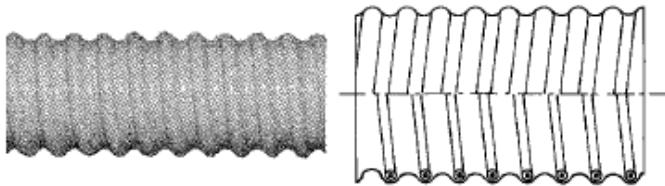
**Temperature:** -5°C +60°C.

**Application:** This heavy duty ducting has been designed for industrial vacuum cleaners, sawdust and textile extraction and general purpose air and fume extraction.

**Advantages:** Smooth bore, self extinguishing.

| I.D.<br>mm. | O.D.<br>mm. | Weight<br>gr./mtr. | Bending<br>Radius<br>mm. | Vacuum<br>m.H <sub>2</sub> O | Coil<br>Length<br>mtr. |
|-------------|-------------|--------------------|--------------------------|------------------------------|------------------------|
| 38          | 45.4        | 400                | 45                       | 3.0                          | 50                     |
| 50          | 57.5        | 520                | 57                       | 2.5                          | 50                     |
| 75          | 83.5        | 730                | 82                       | 2.5                          | 30                     |
| 100         | 110.5       | 1150               | 108                      | 2.5                          | 30                     |
| 125         | 136         | 1400               | 133                      | 2.5                          | 30                     |
| 150         | 161         | 1750               | 158                      | 1.2                          | 30                     |
| 200         | 212         | 2430               | 208                      | 0.5                          | 30                     |

Other sizes available.



## SUPERFLEX CALOR

CODE 440

**Description:** A PVC coated steel spiral helix embedded between two layers of thermoplastic, heat resistant alcryn rubber.

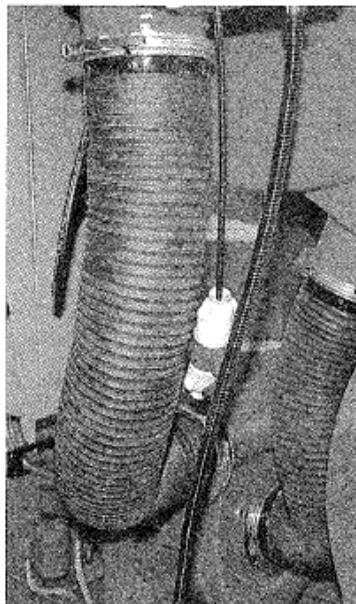
**Temperature:**  $-25^{\circ}\text{C} +125^{\circ}\text{C}$ .

**Application:** This ducting is ideally suited for automotive air intakes, general purpose air and fume extraction. It also has excellent resistance to acid fumes and oil fumes.

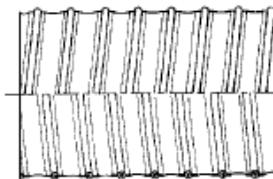
It has outstanding resistance to ozone, sunlight, ageing, oxidation together with good low and high temperature resistance. It also has good resistance to fatigue and vibration.

**Advantages:**

High temperature resistance.  
Smooth bore.



| I.D.<br>mm. | O.D.<br>mm. | Weight<br>gr./mtr. | Bending<br>Radius<br>mm. | Vacuum<br>m.H <sub>2</sub> O | Coil<br>Length<br>mtr. |
|-------------|-------------|--------------------|--------------------------|------------------------------|------------------------|
| 40          | 46          | 270                | 40                       | 3                            | 30                     |
| 45          | 51          | 300                | 45                       | 3                            | 30                     |
| 50          | 56          | 330                | 50                       | 3                            | 30                     |
| 56          | 66          | 400                | 60                       | 2.5                          | 30                     |
| 63          | 70          | 430                | 63                       | 2.5                          | 30                     |
| 70          | 77          | 500                | 70                       | 2.5                          | 30                     |
| 76          | 83          | 550                | 76                       | 2.5                          | 30                     |
| 80          | 87          | 620                | 80                       | 2.5                          | 30                     |
| 90          | 97          | 640                | 90                       | 2.5                          | 30                     |
| 100         | 107         | 710                | 100                      | 2.5                          | 30                     |
| 110         | 117         | 755                | 110                      | 2.5                          | 30                     |
| 120         | 127         | 800                | 120                      | 2.5                          | 30                     |
| 127         | 134         | 845                | 127                      | 2.5                          | 30                     |
| 130         | 137         | 890                | 130                      | 1.2                          | 30                     |
| 140         | 147         | 950                | 140                      | 1.2                          | 30                     |
| 150         | 157         | 1030               | 150                      | 1.2                          | 30                     |
| 160         | 167         | 1100               | 160                      | 1.2                          | 30                     |
| 170         | 177         | 1150               | 170                      | 1.2                          | 30                     |
| 180         | 188         | 1200               | 180                      | 1.2                          | 30                     |
| 200         | 208         | 1300               | 200                      | 0.5                          | 30                     |
| 250         | 259         | 1930               | 250                      | 0.5                          | 15                     |
| 300         | 309         | 2300               | 300                      | 0.5                          | 15                     |



## SUPERFLEX KZ

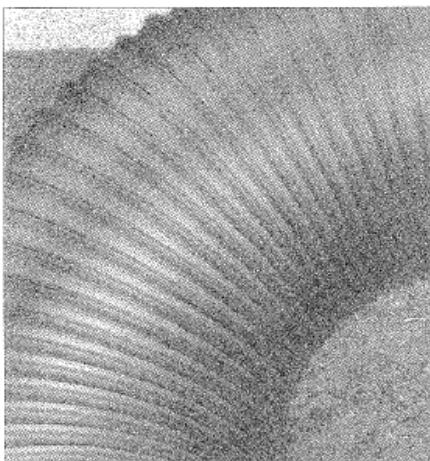
CODE 450

**Description:** A steel spiral helix embedded between two layers of black, flexible, self-extinguishing PVC.

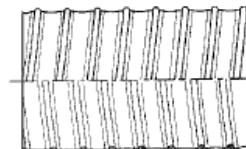
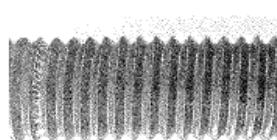
**Temperature:**  $-5^{\circ}\text{C} +60^{\circ}\text{C}$ .

**Application:** This ducting is ideal for ventilation of fumes, light duty particle extraction, air movement, as a protective conduit.

**Advantages:** Lightweight and very flexible.



| I.D.<br>mm. | Weight<br>gr./mtr. | Bending<br>Radius<br>mm. | Vacuum<br>m.H <sub>2</sub> O | Coil<br>Length<br>mtr. |
|-------------|--------------------|--------------------------|------------------------------|------------------------|
| 45          | 220                | 45                       | 2.5                          | 10                     |
| 50          | 280                | 50                       | 2.5                          | 10                     |
| 53          | 350                | 63                       | 2.5                          | 10                     |
| 76          | 550                | 75                       | 2.5                          | 10                     |
| 90          | 650                | 90                       | 2.5                          | 10                     |
| 100         | 700                | 100                      | 2.5                          | 10                     |
| 110         | 750                | 110                      | 2.5                          | 10                     |
| 125         | 860                | 125                      | 2.5                          | 10                     |
| 150         | 1000               | 150                      | 1.2                          | 10                     |
| 180         | 1230               | 180                      | 1.2                          | 10                     |
| 200         | 1350               | 200                      | 0.5                          | 10                     |



## THERMARESISTANT KLL 125

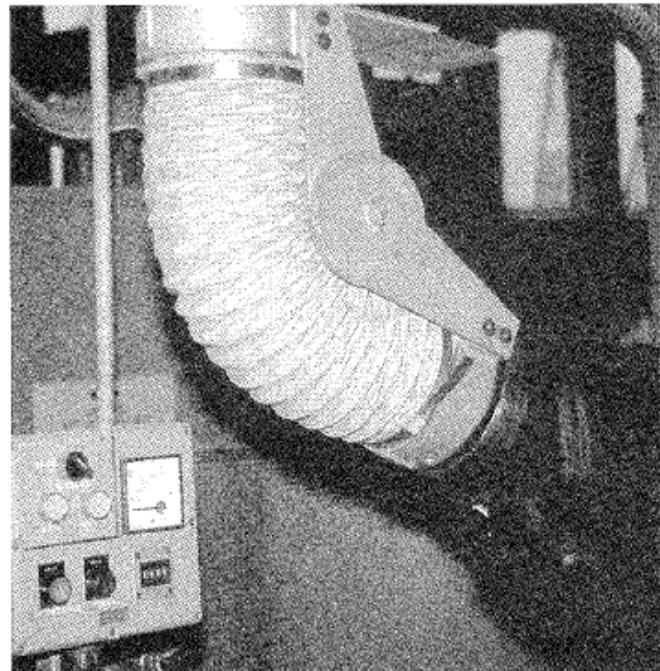
CODE 470

**Description:** A steel spiral helix embedded between two layers of PVC coated polyamid fabric.

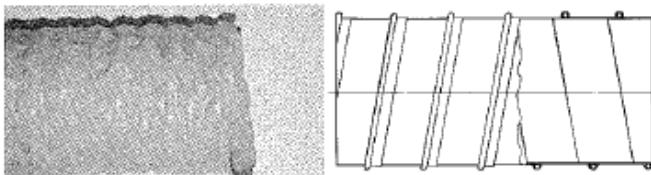
**Temperature:** -5°C +80°C (max.-20°C +110°C for short periods)..

**Application:** This ducting is ideal for air conditioning and ventilation of fumes, light duty dust extraction, air movement, as a flexible connection between grilles, diffusers fans and other air movement units.

**Advantages:** Lightweight and very flexible, self extinguishing. The ducting will compress to 10% of its extended length. Good high temperature resistance.



| I.D.<br>mm. | Weight<br>gr./mtr. | Bending<br>Radius<br>mm. | Coil<br>Length<br>mtr. |
|-------------|--------------------|--------------------------|------------------------|
| 40          | 80                 | 20                       | 12                     |
| 51          | 105                | 25                       | 12                     |
| 63          | 125                | 31                       | 12                     |
| 70          | 140                | 35                       | 12                     |
| 76          | 155                | 36                       | 12                     |
| 82          | 165                | 41                       | 12                     |
| 89          | 175                | 44                       | 12                     |
| 102         | 180                | 51                       | 12                     |
| 114         | 205                | 57                       | 12                     |
| 121         | 215                | 57                       | 12                     |
| 127         | 220                | 60                       | 12                     |
| 133         | 230                | 66                       | 12                     |
| 140         | 245                | 70                       | 12                     |
| 152         | 325                | 76                       | 12                     |
| 165         | 360                | 82                       | 12                     |
| 178         | 385                | 89                       | 12                     |
| 203         | 440                | 101                      | 12                     |
| 228         | 490                | 114                      | 12                     |
| 254         | 550                | 127                      | 12                     |
| 279         | 605                | 139                      | 12                     |
| 304         | 660                | 152                      | 12                     |
| 330         | 720                | 165                      | 12                     |
| 355         | 770                | 177                      | 12                     |
| 406         | 880                | 203                      | 12                     |
| 457         | 1140               | 228                      | 12                     |
| 508         | 1265               | 254                      | 12                     |
| 558         | 1390               | 279                      | 12                     |
| 610         | 1520               | 305                      | 12                     |



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