

## Datasheet

### PVC 10m Long Blue Flexible Ducting Reinforced, 135mm Bend Radius , Applications Various

RS Stock number 339-9858



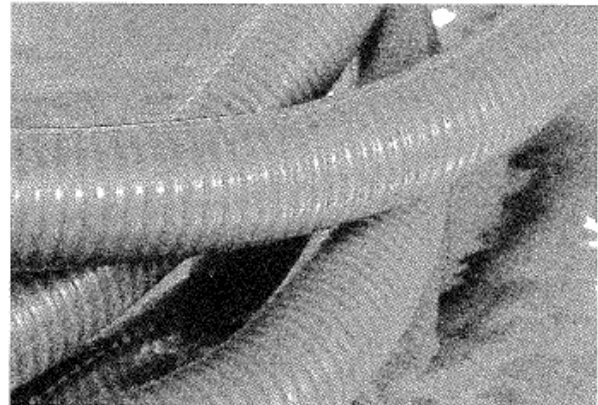
CODE 220

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

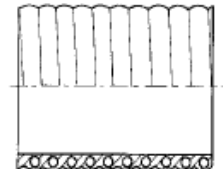
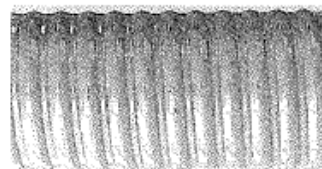
**Temperature:** - 20°C +55°C.

**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. ins.	Wall Thickness mm.	Weight gr./mtr.	Bending Radius mm.	Vacuum m.H <sub>2</sub> O	Working Pressure bar	Coil Length 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



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

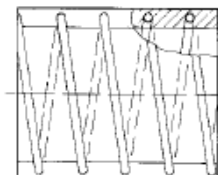
**Temperature:** -5°C +65°C.

**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. mm.	Wall Thickness mm.	Weight gr./mtr.	Bending Radius mm.	Vacuum m.H <sub>2</sub> O	Working Pressure bar	Coil Length 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.  
We reserve the right to change all technical data without prior notice

**SUPERFLEX KL**

CODE 430

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

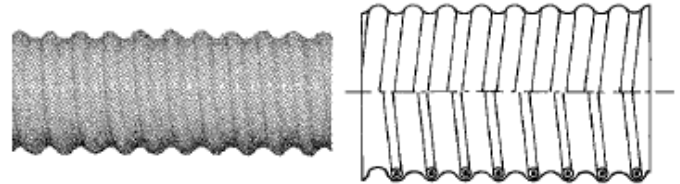
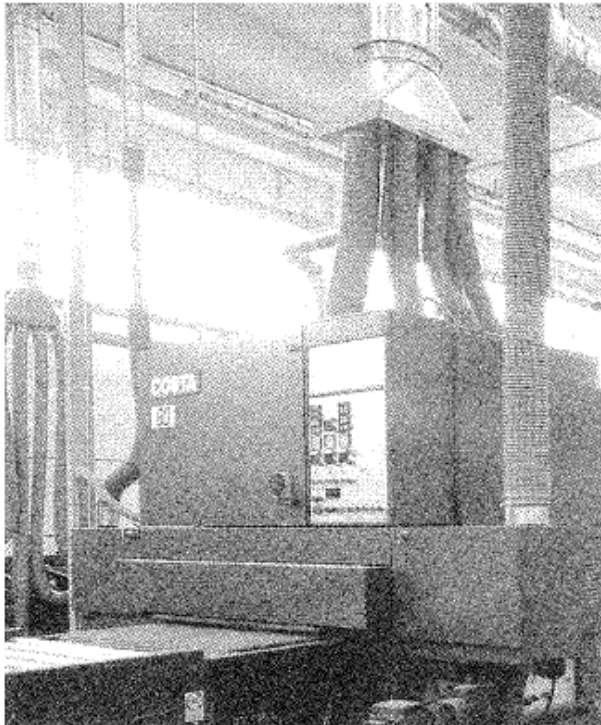
**Temperature:** -5°C +60°C.

**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. mm.	O.D. mm.	Weight gr./mtr.	Bending Radius mm.	Vacuum m.H <sub>2</sub> O	Coil Length 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.

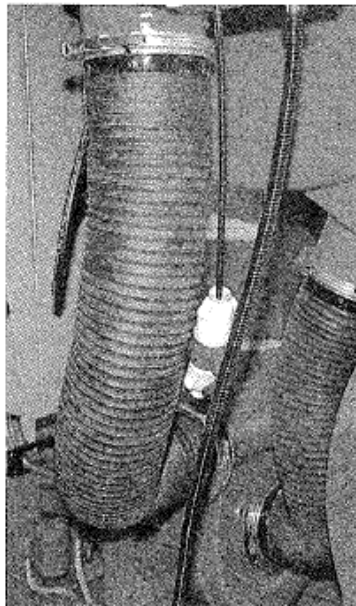
**Temperature:** -25°C +125°C.

**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.

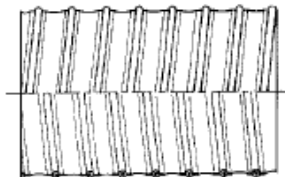
It has outstanding resistance to ozone, sunlight, ageing, oxidation together with good low and high temperature resistance. It also has good resistance to fatigue and vibration.

**Advantages:**

High temperature resistance.  
Smooth bore.



I.D. mm.	O.D. mm.	Weight gr./mtr.	Bending Radius mm.	Vacuum m.H <sub>2</sub> O	Coil Length mtr.
40	46	270	40	3	30
45	51	300	45	3	30
50	56	330	50	3	30
60	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**

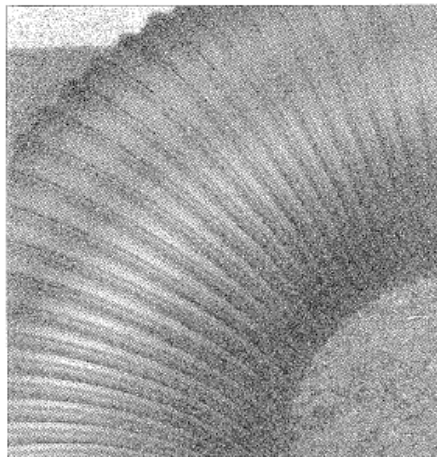
CODE 450

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

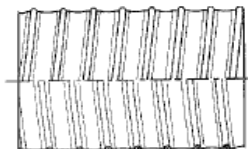
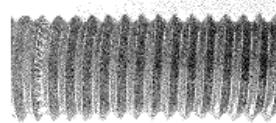
**Temperature:** -5°C +60°C. *-20 + 60°C*

**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. mm.	Weight gr./mtr.	Bending Radius mm.	Vacuum m.H <sub>2</sub> O	Coil Length mtr.
45	220	45	2.5	10
50	280	50	2.5	10
63	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

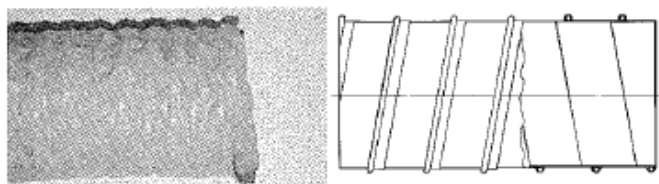
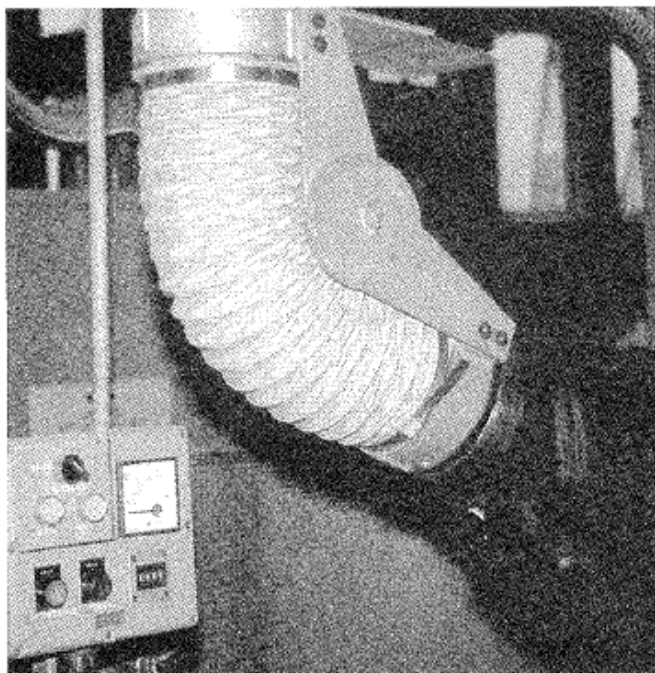
**Description:** A steel spiral helix embedded between two layers of PVC coated polyamid fabric.

**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. mm.	Weight gr./mtr.	Bending Radius mm.	Coil Length 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



All data refers to performance at 18°C. Any increase of temperature, above or below, will affect the performance data.  
We reserve the right to change all technical data without prior notice