

Flying Flex Duct Hoses (Grey/Transparent) :

Duct hoses are highly specialised in performance. They are widely used for pneumatic transportation, dust collecting equipments, washing machines and air-conditioning equipments in buildings. Also suitable for carding machines and draw frames in Textile machinery.

This light weight, flexible, non-metallic hose has a specially compounded rigid PVC reinforcement which is helically wound and inseparably fused to the soft inner walls.

By its unique construction, our ducting results in a thin, very smooth wall, being almost completely protected from any possible crushing.



PRODUCT SPECIFICATIONS :

Size		Diameter		Bending Radius mm	Standard Lengths meter
mm	Inches	ID mm	OD mm		
22	3/4	21	28.60	35	30
25	1	25.4	31.10	45	30
30	1 ¼	31.8	38.64	50	30
40	1½	38	45.00	55	30
50	2	50.8	57.20	65	30
60	2½	60.5	68.50	75	30
75	3	76.5	83.54	95	30
100	4	101.2	108.94	125	30
125	5	127	135.20	140	15
140	5½	140	148.5	150	15
150	6	152.4	161.10	205	15
160	6½	160	170	210	15
200	8	204	214.40	270	10/15

Recommended maximum working temperature : 60 / 70° C.

Flying Flex Non-Toxic Hose (Transparent) :

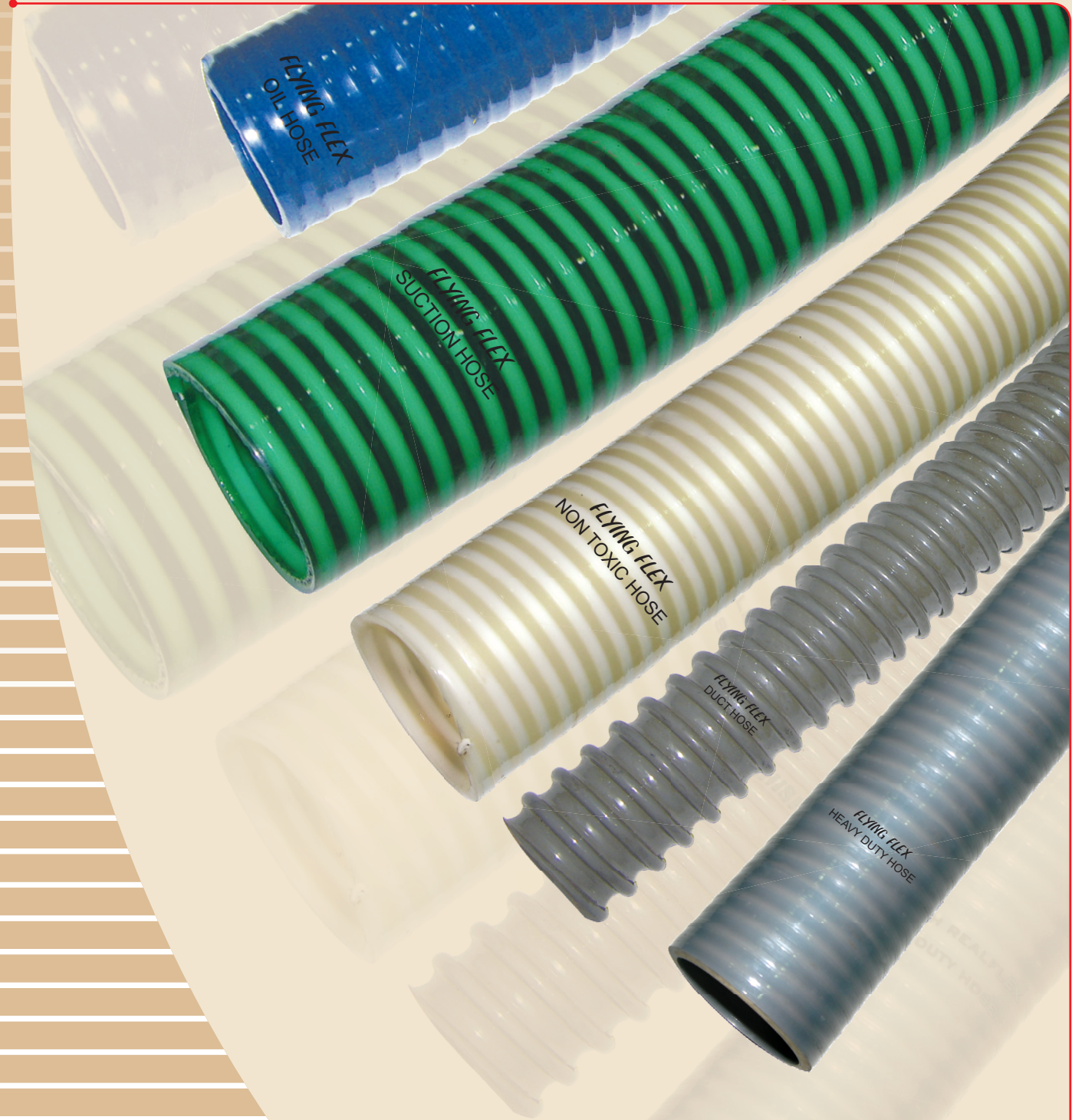
Our Non-Toxic hose is made of special Non-Toxic PVC Compound which is safely recommended for conveying food product, beverages, arreated drinks, powdered cereals and their by products etc.



Size		Diameter		Bending Radius mm	Pressure Working Kg/Cm ²	(at 30°C) Bursting Kg/Cm ²	Standard Lengths meter
mm	Inches	Id mm	Od mm				
50	2	50. 8±1.5	57. 8±1.5	122	4	16	30
65	2½	63. 5±1.5	72.0±1.5	160	4	16	30
75	3	76.2±1.5	85.0±1.5	272	3.5	15	30

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Flying Flex™

A PREMIUM SUCTION HOSE

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Flying Flex Medium Duty PVC Hose (Green) :



INTRODUCTION:

We are one of the leading manufacturer of "Flying Flex" brand Plastics reinforced hoses since many years. Flying Flex is the real hose for suction and delivery application. It is strong, flexible, durable and easy to handle. It is a smooth bore reinforced PVC Hose which ensures optimum performance and minimum flow resistance to the product it conveys. "Flying Flex" flexible PVC Hose with rigid reinforcement for suction and delivery is a result of many years of experience combined with advance technology, perfect quality control before and throughout the production gives the ultimate users maximum quality assurance.

CONSTRUCTION AND APPLICATION:

"Flying Flex " flexible PVC Hose is produced under rigorously controlled conditions. A proper and adequate reinforcement is secured by proper placement of hard spirals of rigid PVC in the soft wall which gives strength to the wall as well as required flexibility to the entire hose length. This also provides outstanding crush resistance and working pressure ratings. Flying Flex Medium Duty flexible PVC Green Hose has countless applications in Agriculture and Industry. It is ideal for suction and delivery of water for Irrigation purpose in Agriculture with electric mono block and oil engines. Also suitable for suction and delivery of saline water, light acids, Alkalies and other chemicals and for conveying of granuals or fine particles of raw materials.

ADVANTAGES:

- ❖ **Lightweight:** Often only 1/4 that of rubber Hose which makes it easy to carry and install
- ❖ **Flexible :** The flexibility of hose is retained for many years. It can be bent as desired. No kinking, bulging or bursting even in the most severe working conditions.
- ❖ **Resistance :** It shows strong resistance to high pressure and most of the chemicals, acids and alkalies. Ideal for high pressure suction & delivery of water.
- ❖ **Weather Proof :** Resistant to sun, ozone and weather.
- ❖ **Easy Fitting :** Easily installed, even to non-standard couplings.
- ❖ **Smooth Bore :** Allows fast flow.

PRODUCT SPECIFICATIONS :

Size		Diameter		Bending Radius mm	Pressure Working Kg/Cm ²	(at 30°C) Bursting Kg/Cm ²	Standard Lengths meter
mm	Inches	Id mm	Od mm				
20	3/4	19.0 ± 0.5	23.6 ± 1.0	45	7	24	30
25	1	25.4 ± 0.5	30.0 ± 1.0	55	7	23	30
30	1¼	31.8 ± 0.5	36.8 ± 1.0	75	6.5	20	30
40	1½	38.0 ± 0.5	43.3 ± 1.0	95	5	16	30
50	2	50.8 ± 0.5	57.8 ± 1.5	122	4	16	30/50
65	2½	63.5 ± 1.0	72.0 ± 1.5	160	4	16	30/45/50
75	3	76.2 ± 1.0	85.0 ± 1.5	272	3.5	15	30/36
100	4	101.2 ± 1.0	112.2 ± 2.0	290	3.5	11	15/18/30

Recommended maximum working temperature : 60 / 70° C.

Flying Flex Heavy Duty Hose (Grey) :



This is a high performance hose of great resistance to pressure abrasion and rough handling. It is designed for heavy duty applications in construction and engineering, general industrial services, cement conveying, paper mills, chemical industry, coal mines, shipping, seeage disposal etc.

PRODUCT SPECIFICATIONS :

Size		Diameter		Bending Radius mm	Pressure Working Kg/Cm ²	(at 30°C) Bursting Kg/Cm ²	Standard Lengths meter
mm	Inches	Id mm	Od mm				
25	1	25.4±0.5	31.5±0.5	48	8	25	30
30	1¼	31.8±9.5	38.8±1.5	68	7	21	30
40	1½	38.0±0.5	46.3±1.5	70	5.5	18	30
50	2	50.8±0.5	60.8±1.5	100	4.5	18	30
65	2½	63.5±1.0	74.5±1.5	120	4.5	18	30
75	3	76.2±1.0	87.2±1.5	155	4.5	18	30
100	4	101.2±1.5	114.2±2.0	213	4.0	14	15/18/30
125	5	127.0±1.5	141.0±2.0	230	3.0	10	15/18
150	6	152.4±1.5	169.4±2.0	375	2.5	9	15/18
200	8	203.2	224.4	600	2.5	8.0	4.5/6

Recommended maximum working temperature : 60 / 70° C.



Flying Flex Oil Hose (Blue) :

Flying Flex Oil Hoses are specially flexible. This hose is ideal for transportation of mineral oils, light oils, transformer | oils, kerosine, liquid petroleum products etc.

PRODUCT SPECIFICATIONS :

Size		Diameter		Bending Radius mm	Pressure Working Kg/Cm ²	(at 30°C) Bursting Kg/Cm ²	Standard Lengths meter
mm	Inches	Id mm	Od mm				
25	1	25.4 ± 0.5	31.5 ± 0.5	48	8	25	30
30	1¼	31.8 ± 9.5	38.8 ± 1.5	68	7	21	30
40	1½	38.0 ± 0.5	46.3 ± 1.5	70	5.5	18	30
50	2	50.8 ± 0.5	60.8 ± 1.5	100	4.5	18	30
65	2½	63.5 ± 1.0	74.5 ± 1.5	120	4.5	18	30
75	3	76.2 ± 1.0	87.2 ± 1.5	155	4.5	18	30

Recommended maximum working temperature : 60 / 70° C.