

Power Flex[®]

SUCTION HOSE FOR WATER DELIVERY

IS:15265



Only those products bearing
the above marks are certified



About POWER FLEX

Astral POWER FLEX flexible reinforced PVC hoses are used for suction and Delivery lines. Astral has state-of-the-art and the latest infrastructural unit for accomplishing the exact preferences of our valuable customers. In order to maintain streamlined production processes, apart from this, the entire work is supervised under the strict guidance of our trained and skilled professionals. The Powerflex has revolutionized fluid handling applications due to its durability, flexibility, and affordability. PVC suction and delivery hoses typically consist of a flexible PVC tube reinforced with a rigid PVC helix or spiral to provide structural strength.

Key Features & Benefits:

- Corrosion Resistance
- Abrasion resistance
- Quicker Installation time
- Smooth bore allows high flow rates for fluid
- Long service life
- Cost effective
- Light weight
- Good Resistance to saline water, light acids
- Flexibility
- Durability

Applications:



Transferring liquids



Irrigation & Agriculture



Pool & Spa Maintenance



Construction



Aquaculture



Sewerage Disposal



Paper Mills

Applicable Standard:

IS: 15265: Flexible PVC pipes or polymer reinforced thermoplastic hoses for suction and delivery lines of agricultural pumps - Specification

Technical Specifications



Nominal ID		Standard Coil Length (m)	Color	Std. Packing (no. of coils)	HEAVY DUTY					MEDIUM DUTY				
					Diameter (mm)		Working Pressure at 27°C (kg/cm ²)	Bursting Pressure at 27°C (kg/cm ²)	Bending Radius (mm)	Diameter (mm)		Working Pressure at 27°C (kg/cm ²)	Bursting Pressure at 27°C (kg/cm ²)	Bending Radius (mm)
mm	inch	ID	OD	ID	OD	ID				OD				
20	¾	30	Green	5	20 ± 0.75	24 ± 0.75	8	25	45	20 ± 0.75	23 ± 0.75	7	23	50
25	1	30	Green	4	25 ± 1.25	30 ± 0.75	7	24	65	25 ± 0.75	29 ± 0.75	7	23	75
32	1¼	30	Green	3	32 ± 1.25	36 ± 0.75	7	20	80	32 ± 1.25	36 ± 0.75	5	19	105
38	1½	30	Green	3	38 ± 1.50	43 ± 1.00	5	18	90	38 ± 1.25	42 ± 1.00	5	16	125
50	2	30	Green	2	50 ± 1.50	55 ± 1.50	5	18	120	50 ± 1.50	55 ± 1.50	5	16	170
63	2½	30	Green	1	63 ± 1.50	69 ± 1.50	5	17	175	63 ± 1.50	68 ± 1.50	5	16	225
75	3	30	Green	1	75 ± 1.50	84 ± 1.50	4.5	17	200	75 ± 1.50	82 ± 1.50	4	15	270
90	3½	30	Green	1	90 ± 1.50	98 ± 1.50	4.5	15	280	90 ± 1.50	97 ± 1.50	3	13	365
100	4	30	Green	1	100 ± 2.00	110 ± 2.00	4	14	280	100 ± 2.00	107 ± 2.00	3	10	365
125	5	15	Dark Grey	1	125 ± 2.00	136 ± 2.00	2.5	11	425					
150	6	15/18	Dark Grey	1	150 ± 2.00	168 ± 2.00	2.5	10	475					