



PVC BRAIDED HOSE



PVC POWER SPRAY HOSE



PVC ROCKDRILL HOSE



**PVC CONSTRUCTION
WATER HOSE**



PVC THUNDER HOSE

JIO FLEXTM

PVC HOSES

JIO FLEX™ PVC THUNDER HOSE (NON TOXIC -FOOD GRADE)

STRUCTURE

- PVC hose wall and inlaid steel wire spiral framework.
- Tube : Non- toxic clear flexible PVC.
- Reinforcement : Shock resistant galvanized Strong, smooth and flexible steel wire spiraled.
- Cover : Non Toxic clear flexible PVC.

APPLICATIONS

- Suction hose of vacuum pressure.
- Delivery of machine tools.
- Vacuum forming machine.
- Widely used as dust collector attached to wood working machineries and sanitation lines.
- Vacuum lines of auto loaders (Plastic Processing).
- Used in the transport of plastic granulate materials and resin.
- Ideal hose for sucking or discharge of water, oil, weak chemicals and powders in industry, shipyard, agriculture, engineering, factory, mining and building etc.
- Used in conveying of food grade material and fluid like water, mineral water, fruit juice in food & pharmaceutical industry

CHARACTERISTICS

- Resistant to corrosion, abrasion and weather.
- Kink and crush resistance.
- Transparent for easy flow monitoring with small bending radius.
- Glass-like clarity.
- Provide outstanding visual flow characteristics.
- With colourful symbol lines on the structure of the hose, it can be more beautiful.
- Light in weight and flexible.

Size	I. D.	Wall Thickness	Length
inch	(MM)	(MM)	(MTRS.)
1/2"	12	2.8	100
3/4"	19	2.4	50
1"	25	2.6	50
1-1/4"	32	3	50
1-1/2"	38	3.6	50
2"	50	3.6	30
2-1/2"	63	4.5	30
3"	75	4.5	30
4"	100	5.7	20

BRANCHES

AHMEDABAD : Email : ahmedabad@halstondistributors.in

SURAT : Email : surat@halstondistributors.in

VIJAYWADA : Email : vijaywada@halstondistributors.in

INDORE : Email : indore@halstondistributors.in

RAIPUR : Email : raipur@halstondistributors.in

Halston
Distributors
Building business with trust

1st Floor, Dastur Bldg., 266, Bazar Gate Street,
Fort, Mumbai - 400 001 • T.: 022-2261 5932 / 022-2262 6709
E-mail : sales@halstondistributors.in • Website : www.halstondistributors.in

JIO FLEXTM PVC POWER SPRAY HOSE

APPLICATION :

- 1) It is the ideal hose for spraying Pesticide in orchard and farm.
- 2) Mainly used for spraying agricultural chemicals in agriculture and high pressure water, air or other liquids in high Pressure washing machine, construction machinery and industry production.
- 3) Also for automatic machinery and pneumatic tools, nail guns etc.

TUBE : White

COVER : Yellow Flexible PVC, Surfaces cover is corrugated.

SIZE	I. D.	Wall Thickness	Length	BP
(Inch)	(MM)	(MM)	(MTRS.)	In Bar
3 LAYERS				
5/16"	8.5 X 13.5	2.5	100	200
3/8"	10 X 16	3	100	160
5 LAYERS				
5/16"	8.5	3	50	200
3/8"	10	3.2	100	160
1/2"	13	3.5	100	160

REINFORCEMENT : With Double High Tenacity synthetic Fibre

CHARACTERISTICS : It is light, durable, flexible, anti erosion, abrasion, weather oil, acid, alkali explosion & high pressure resistant, anti bending and nice bright surface

WORKING TEMPERATURE RANGE : -5°C to +65°C

JIO FLEXTM PVC BRAIDED HOSE

JIOFLEX, a PVC-based product, is specifically engineered for Average-pressure applications, making it an excellent alternative to traditional rubber hoses. Its lightweight and economic properties make it a more convenient option. In comparison to rubber hoses, JIOFLEX demonstrates superior consolidation and adhesion between its braids and covers. The product is specially designed to perform exceptionally well in tropical climates.

KEY Features

- Superior to conventional rubber hoses
- Light weight
- Withstands High Pressure
- Rodent Proof
- Crush and kink resistant
- Resistant to oil, light chemicals and moisture

AVAILABLE SIZES

- 6 mm to 50 mm I.D.

Size in mm	Size in Inch	ID in mm	OD in mm	Working Pressure Kg/Cm2	Std. Length in Meters
6	1/4"	6	12	20	100
8	5/16"	8	13.5	20	100
10	3/8"	10	15.5	18	100
12	1/2"	12	18	16	100
15	5/8"	15	22	12	50
20	3/4"	20	26	12	50
25	1"	25	31	10	50
30	1-1/4"	30	39	10	30
40	1-1/2"	40	48	9	30
50	2"	50	60	8	30

JIO FLEX[®] Rockdrill (Yellow /Transparent)

Size in mm	Size in Inch	Std. Length in Meters	Working Pressure Kg/Cm2
20	3/4"	100/200	20

JIO FLEX[®] Construction Water Hose (Yellow)

Size in mm	Size in Inch	Wall Thickness mm	Working Pressure Kg/cm2	Std. Length in meters
20	3/4"	2	7	30/50/100
25	1"	3	5	30/50/100

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