Realon
A Premium Braided & Suction Pipe

PVC MEDIUM-DUTY SUCTION & DELIVERY HOSE - PIPE (GREEN)

CONSTRUCTON & APPLICATIONS

RealOn PVC flexible Suction & Delivery Hoses are designed incorporating a rigid PVC spiral as an integral part of the soft PVC wall. The anti-shock rigid spiral imparts superior crush resistance to the hose. Specially formulated PVC compounds develops a top grade medium duty Suction & Delivery hose for meeting the challenging service conditions in Suction & Delivery of water for irrigation purpose agriculture with electric mono block and oil engine. Also for Suction & Delivery of saline water, light acids, alkalies and other chemicals except solvents for conveying of granules or fine particles of raw materials in processing industries in general this flexible hose can work with superior efficiency and offers more service life compared to rubber suction and delivery hoses.

ADVANTAGES

- **Light weight :** Often only 1/4 that of Rubber Hose has which makes it easy to carry and install.
- **Flexibility :** The flexibility of hose is retained for many years, It can be bent as desired. No kinking or bulging even in the most severe working conditions.
- **Resistance :** It shows strong resistance in high pressure and most of the chemicals, light acids, alkalies excepting solvents. Ideal for high pressure suction & delivery of water.
- **Weather proof :** Easily Installed even to non-standard couplings.
- **Smooth Bore :** Allows fast flow.

SPECIFICATIONS :

Nominal Size		Diameter		Bending Redius mm	Pressure (at 30° c)		Standard Lengths (mtrs.)
Inches	MM	ID mm	OD MM		Working Pressure (kg/CM^2)	Bursting kg/CM^2	
3/4	20	19.0*	23.6**	45	7.0	24	30/50
1	25	25.4*	30.0**	55	7.0	20	30/50
1 $\frac{1}{4}$	30	31.8*	36.8**	75	6.5	20	30/50
1 $\frac{1}{2}$	40	38.0*	43.3**	95	5.0	16	30/50
2	50	50.8*	57.8***	122	4.0	16	30/45/50
2 $\frac{1}{2}$	65	63.5*	72.0***	160	4.0	16	30/45/50
3	75	76.2*	85.0***	272	3.5	15	30/36
4	100	101.2*	112.2****	290	3.5	11	15/18/30

Recommended maximum working temperature : 60/70°C

Variation in ID/OD : {* = ± 0.5} {** = ± 1.0} {*** = ±1.5} {**** = + 2.0}