



## PVC HEAVY-DUTY SUCTION & DELIVERY HOSE - PIPE (Grey)

### CONSTRUCTON & APPLICATIONS

**RealOn** PVC flexible Heavy-Duty 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 Heavy-Duty Suction & Delivery Hose for meeting the challenging service conditions. It is used in coal and Mineral mines, Stone & Lime quarries, Shipping, Sewage disposal, Aqua culture, Paper mills, Cement conveying, Chemical industries, Petrochemicals & Oil exploration, Fire fighting equipment, Constructional engineering, general industrial service etc.

### ADVANTAGES

- **Resistance** : It shows strong resistance to high pressure and external impacts and can easily withstand absolute vacuum too.
- **Flexibility** : No question of kinking or crushing even while in severe conditions and the hose is totally abrasion resistant.
- **Light Weight**: Our Heavy-Duty hoses are more efficient & lighter in weight than conventional multilayer and wire reinforced ply type rubber hoses which makes the handling much easier.
- **Weather Proof**: Resistant to sun, ozone and weather.
- **Smooth Bore** : Smooth inside surface assures a high flow rate.



### SPECIFICATIONS :

Nominal Size		Diameter		Bending Radius mm	Pressure ( at 30° c )		Standard Lengths (mtrs.)
Inches	MM	ID mm	OD MM		Working Pressure (kg/CM2)	Bursting kg/CM2	
1	25	25.4*	31.5*	48	8.0	25	30
1 ¼	30	31.8*	38.8*	68	7.0	21	30
1 ½	40	38.0*	46.3***	70	5.5	18	30
2	50	50.8*	60.8***	100	4.5	18	30
2 ½	65	63.5*	74.5***	120	4.5	18	30
3	75	76.2**	87.2***	155	4.5	18	30
4	100	101.2***	114.2****	213	4.0	14	30
5	125	127.0***	141.0****	230	3.0	10	15/18
6	150	152.4***	169.4****	375	2.5	9.0	15/18
8	200	203.2***	224.4***	600	2.5	8.0	4.5/6
10	250	254.2****	284.0****	1000	2.5	8.0	4.5/6
12	300	300.0****	311.2****	1000	2.5	8.0	4.5/6

Recommended maximum working temperature : 60/70°C

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