



GITA MARKETING CO.

TECHNICAL DATA SHEET

TDS PVC STEEL WIRE REINFORCED HOSE

Galvanised Steel Spiral Reinforced PVC Hose

Gita Marketing Co.

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PVC STEEL WIRE REINFORCED HOSE

Technical Data Sheet

A heavy-duty flexible hose constructed with a flexible PVC inner tube, galvanised steel spiral wire reinforcement, and a smooth PVC outer cover. Designed for suction and discharge applications where collapse resistance is required. Supplied by Gita Marketing Co., Bangalore.

Construction

Tube	Flexible PVC — smooth bore, anti-collapse
Reinforcement	Galvanised steel spiral wire
Cover	Smooth PVC — resistant to abrasion and weathering
Colour	Grey / Black (cover) with visible steel helix

Size & Pressure Range

ID (mm)	OD (approx. mm)	W.P. (bar)	Vacuum (bar)
8	16	8	0.9
12	20	7	0.9
16	25	6	0.9
20	30	5	0.9
25	36	4	0.9
32	44	4	0.9
38	51	3	0.9
50	64	3	0.9
65	80	2	0.9

Technical Specifications

Temperature Range	-5°C to +60°C continuous service
Fluid Compatibility	Water, oil, powder, granules, mild chemicals
Vacuum Rating	Full vacuum (0.9 bar) — collapse resistant
Flexibility	Good flexibility despite heavy-duty construction
Standards	Compliant with applicable EN flexible hose standards
Safety Factor	Minimum 3:1 (burst : working pressure)

Applications

- Suction and discharge of water, oil, powder, and granules





- Agricultural irrigation and water transfer
- Construction site dewatering and slurry handling
- Shipyard bilge and ballast water transfer
- Chemical plant bulk liquid transfer
- Food-grade variants available on request

Storage & Handling

Store horizontally in coils on clean, dry surfaces. Avoid crushing or heavy stacking. Protect from prolonged UV exposure. Do not use with concentrated acids, aromatic hydrocarbons, or halogenated solvents without prior verification.

Important

Inspect hose for kinks, cracks, or corrosion to the steel reinforcement before each use. Do not exceed rated working pressure. Consult Gita Marketing Co. for fluid compatibility queries.

Authorised Supplier

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