



GITA MARKETING CO.

TECHNICAL DATA SHEET

TDS PVC AIR HOSE

PVC Compressed Air Hose | Braided and Spiral | Pneumatic Tools

Gita Marketing Co.

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PVC AIR HOSE

Technical Data Sheet -- Compressed Air and Pneumatic Tool Hose

PVC air hoses are flexible compressed air hoses designed for workshop, factory, and site use with pneumatic tools, compressors, and general air distribution. Two constructions are available: braided reinforcement for standard pressure applications up to 15 bar, and spiral reinforcement for higher pressure applications up to 20 bar. The PVC compound provides good weather resistance and remains flexible in typical workshop temperatures. Supplied by Gita Marketing Co. as part of its pneumatic components range.

Construction

Inner Tube	Plasticised PVC -- smooth bore, air and oil-mist resistant
Reinforcement	Braided: high-tenacity synthetic fibre braid Spiral: synthetic fibre spiral
Cover	PVC -- weather, abrasion, and oil resistant Various colours available
Standard Colours	Yellow or orange (standard) Red, blue, black on request
End Fittings	1/4" or 3/8" BSP male (standard) Quick-release couplings on request

Braided Construction -- Size & Pressure Range

Working pressure up to 15 bar. Suitable for standard pneumatic tool connections.

ID (mm)	OD (mm)	W.P. (bar)	W.P. (psi)	Burst (bar)	Min. Bend Radius (mm)
6.3	12.0	15	218	60	50
8.0	14.5	15	218	60	65
9.5	16.0	15	218	55	75
12.5	19.5	12	174	48	100
19.0	27.0	10	145	40	150

Spiral Construction -- Size & Pressure Range

Working pressure up to 20 bar. Suitable for higher pressure pneumatic applications.

ID (mm)	OD (mm)	W.P. (bar)	W.P. (psi)	Burst (bar)	Min. Bend Radius (mm)
6.3	13.5	20	290	80	55
8.0	15.5	20	290	80	70
9.5	17.0	20	290	75	80
12.5	21.0	17	247	65	110
19.0	29.0	14	203	55	160

Technical Specifications





Temperature (Braided)	-5 degrees C to +60 degrees C continuous
Temperature (Spiral)	-5 degrees C to +60 degrees C continuous
Peak Temperature	+70 degrees C (brief contact; sustained exposure softens PVC)
Cold Flexibility	Flexible to -5 degrees C; becomes stiff below 0 degrees C
Fluid Compatibility	Compressed air (dry and oil-lubricated), nitrogen, inert gases
Oil Resistance	Good resistance to oil mist -- cover resists surface oil
Safety Factor	Minimum 4:1 (burst : working pressure)

Applications

- Pneumatic tool connections -- impact wrenches, angle grinders, drills
- Compressor outlet hose on workshop and portable compressors
- Factory compressed air distribution drops
- Tyre inflation and blow-off guns
- Spray painting equipment supply lines
- General site and workshop air supply

Important

Select braided or spiral construction based on the required working pressure. Do not exceed the rated working pressure for the hose bore and construction type. PVC air hose is not suitable for steam, hot water above 60 degrees C, fuels, or aggressive chemical media.

Standards & Compliance

Hose Standard	BS EN ISO 2398 -- Rubber hoses for compressed air (PVC equivalent construction)
Manufacturer ISO	ISO 9001:2015 ISO 14001:2015 -- Polyhose India Pvt Ltd
Distributor ISO	ISO 9001:2015 ISO 14001:2015 ISO 45001:2018 -- Gita Marketing Co.

Ordering & Supply

Manufacturer	Polyhose India Pvt Ltd
Distributor	Gita Marketing Co., Bangalore
Supply	Cut lengths Full reels (standard 50 m) Pre-assembled with fittings
Accessories	Quick-release couplings, BSP adapters, blow guns, tyre inflator sets
Contact	+91-89040-35515 info@gitamarketing.com
Website	www.gitamarketing.com

Sources: [Polyhose India Pvt Ltd](#) | BS EN ISO 2398 | [www.gitamarketing.com](#)

