

TECHNICAL SPECIFICATION

Sl. No.	Item Description	Specifications
1	PVC NYLN BRAIDED AIR HOSE ID 9.5 MM, WORKING PR 10 BAR ISO 5774/2023, Type-B Mat. Code: 140010040000	- Nominal Size ID: 9.5mm - Wall Thickness: 1.5mm - Working Pressure at 23°C: 10 bar - Test Pressure: 20 bar - Burst Pressure: 40 bar - Length per roll: 50 m - Material for application: Compressed Air - Appearance: Transparent - Manufacture's trade mark, Hose type, Nominal size, Working Pr., Burst Pr., Month/Year of manufacture, IS No. should be clearly marked on the hose at every 10 Metres. - Test certificate should be submitted along with the supply. - Hose will be tested at our works for its Burst Pressure. - Sample (Min. 5M) to be supplied before bulk supply and after placing PO.
2	PVC NYLN BRAIDED AIR HOSE ID 12.5 MM WORKING PR. 10 BAR ISO 5774/2023, Type-B Mat. Code: 140010560100	- Nominal Size ID: 12.5mm - Wall Thickness: 2mm - Working Pressure at 23°C: 10 bar - Test Pressure: 20 bar - Burst Pressure: 40 bar - Length per roll: 50m - Material for application: Compressed Air - Appearance: Transparent - Manufacture's trade mark, Hose type, Nominal size, Working Pr., Burst Pr., Month/Year of manufacture, IS No. should be clearly marked on the hose at every 10 Metres. - Test certificate should be submitted along with the supply. - Hose will be tested at our works for its Burst Pressure. - Sample (Min. 5M) to be supplied before bulk supply and after placing PO.
3	PVC NYLN BRAIDED AIR HOSE ID 19 MM WORKING PR.10 BAR ISO 5774/2023, Type-B Mat Code: 140010520100	- Nominal Size ID: 19mm - Wall Thickness: 2.4mm - Working Pressure at 23°C: 10 bar - Test Pressure: 20 bar - Burst Pressure: 40 bar - Length per roll: 50m - Material for application: Compressed Air - Appearance: Transparent - Manufacture's trade mark, Hose type, Nominal size, Working Pr., Burst Pr., Month/Year of manufacture, IS No. should be clearly marked on the hose at every 10 Metres. - Test certificate should be submitted along with the supply. - Hose will be tested at our works for its Burst Pressure. - Sample (Min. 5M) to be supplied before bulk supply and after placing PO.

Note: The hoses supplied shall be manufactured from the latest production batch, and the date of manufacture shall not be more than **40 days prior to the date of delivery**.

Vendor Sign & Seal


V. CHANDRASEKARAN
 ASST. ENGINEER - II
 BOILER PRODUCTION
 BHEL, TRICHY - 620 014

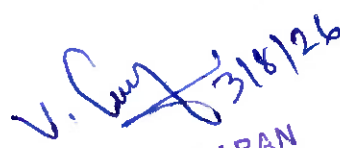
TECHNICAL SPECIFICATIONS

Rubber Hose

GEN PURPOSE INDUSTRIAL RUBBER HOSE (3/4") IS:444/2025 TYP-1 (Mat. Code: 140010050000)	• GENERAL PURPOSE INDUSTRIAL RUBBER HOSE IS:444/2025-TYPE- I • Working Pressure: 6 bar • Test Pressure: 9 bar • Burst pressure: 18 bar • Normal bore -19 mm. (+/-0.75mm) • Hose Colour – Red • Manufacture's trade mark, Hose type, Nominal Bore, Working Pressure, burst pressure, Month/Year of manufacture, IS No. should be clearly marked on the hose at every Metres. • Test certificate should be submitted along with the supply. • Hose supply must be in 50 Mts. rolls. • Hose will be tested at our works for its burst pressure. • Sample (Min. 5M) to be supplied before bulk supply and after placing PO.
DOUBLE BRAIDED RUBBER HOSE ID (1/2") IS:446/2025 TYP-I (Mat. Code: 140016550000)	• RUB HOSE ID 1/2"DOUBLE BRAID SYN. FIBR PNEUM APPLN TO IS 446/2025 TYPE- I • Working Pressure: 10 bar • Test Pressure: 20 bar • Burst Pressure: 40 bar • Normal bore -12.5 mm (+/-0.75mm) • Manufacture's trade mark, hose type, nominal bore, working pr., test burst pr., month/year of manufacture, IS No. should be clearly marked on the hose at every 10 Metres. • Test certificate should be submitted along with the supply. • Hose supply must be in 50 Mts. bundles. • Hose will be tested at our works for its burst pressure. • Type of Hose: Pneumatic application. (Compressed Air) • Operating Fluid: As per IS 446/2025 • Minimum Length required: Hose supply must be in 50 Mts. bundles. • Sample (Min. 5M) to be supplied before bulk supply and after placing PO.
RUBBER HOSE (2") PR 10KG/SQCM WOVEN TEX REINFORCED 7PLY GI IS 3549/2023– TYP-III (Mat. Code: 140010740100)	• 2" RUBBER HOSE PRESSURE 10KG/SQCM WOVEN TEX REINFORCED 7PLY GI • Working Pressure: 10 bar • Test Pressure: 15 bar • Burst Pressure: 30 bar • Flexible and non-kinking, isoprene rubber hose. • Suitable for coal gas/producer gas • Vacuum resistance: GI helix wire embedded between reinforcement plies to withstand for vacuum of 500mm hg column. • Outer Cover: Wrap finish rubber lining. • Minimum Length required: 15 Metres. Per Roll. • Sample (Min. 1M) to be supplied before bulk supply and after placing PO.

Note: The hoses supplied shall be manufactured from the latest production batch, and the date of manufacture shall not be more than **40 days prior to the date of delivery.**

Vendor's sign & seal


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