

Gates India Pvt. Ltd., a subsidiary of Gates Corporation, is manufacturing world-class Hydraulic and Industrial Hoses at its state-of-the-art facility near Chandigarh. India's most advanced hosemaker, Gates India has built its reputation by living upto its Quality Commitment "Gates India is committed to anticipate, meet or exceed our customers' expectations with products, services and experiences that are superior to competition". Gates' stringent quality practices ensure that each 'Made in India' Hose meets the industry's highest standards and qualifies as Gates Global Hydraulic Hose. Our products are exported to various locations in all 5 continents.

Gates Corporation, a subsidiary of Tomkins Plc, U.K. was established in 1911 and is headquartered in Denver, Colorado, U.S.A. Gates is the only non-tyre rubber company with sales and manufacturing operations across 5 continents and is world's most trusted name in Hose & Connectors.

Gates India's clientele is spread across various segments: Construction & Heavy Equipment Manufacturers, Mining Sector, Indian Railways, ONGC & Oil PSUs, Steel and Cement Manufacturers. Our customers include Global OEMs like JCB, Caterpillar, Inductotherm and major Indian Players like Eimco, Ashok Leyland, Midco, etc.

Authorised Dealer

For more information on
Gates Industrial Hose or
to locate an Authorized Gates
Dealer near you, Please contact
Gates Customer Care or
your nearest Gates Representative.



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POWERING PROGRESS™

INDUSTRIAL HOSE APPLICATION GUIDE

THE VALUE CONNECTION RIGHT HOSE, RIGHT APPLICATION, RIGHT PRICE

Gates lineup of high quality, well-designed, constantly improving, robust industrial hoses meet the demanding requirements of today's diverse range of industrial applications. Durability and flexibility are built in. A variety of tube and cover materials, reinforcement, colors, and hose designs provide the choices you need to select the right hose for your application. Whether your transfer job involves liquids, solids, or gases, discharge or suction, low or high pressure, you can always count on Gates Industrial Hoses for optimal performance at a competitive price. We are The Value Connection.

GET GATES CONNECTED TM FOR QUALITY HOSE AND MORE

Connect with Gates and get the best support in the business including: application assistance, expert local field sales assistance, troubleshooting help, an industry-leading safety program and an outstanding distribution network. To assist in choosing the right hose assembly, and tips on hose selection, safety, increasing hose life, minimizing downtime, and reducing costly repairs, please contact your Gates Representative. Gates Connected is all geared to providing the knowledge, service and value you need to get the most for your money spent. That's what it means to be Gates Connected!

Warning: All Industrial Hose assemblies have a limited life on a given application. Assuming the correct hose has been selected, this can be adversely affected by factors including external abuse, excessive pressures, high temperatures, misapplication, and internal abrasion. Should a hose assembly fail during use, serious injury or destruction of property could result from propelled couplings, whipping hose, high pressure or high velocity discharge, chemical contact, high temperature materials, explosion, or fire. Contact Gates Product Application for assistance and hose recommendations on specific applications.

HOSE MAINTENANCE

Good maintenance results in longer life and safe working environment. Given below are few tips:

- Never exceed pressure rating of a hose.
- Never allow excessive pressure spikes or surges above a hose's maximum rated working pressure
- Never run over hose with equipment or vehicles such as forklifts.
- Do not pull a hose by its coupling. It can lead to a dangerous failure.
- Never lift a heavy, large-diameter hose by the middle with ends hanging down. This can damage the hose's internal reinforcement.
- Support large-dia hoses, every 10 feet (approx.) with

slings or rope saddles.

- Where hose is exposed to excessive wear in one spot, add an extra protective cover, such as nylon sleeve, or a pad.
- Any hose that has been mishandled, must be re-inspected and should pass a pressure test before it's re-installation.
- All hoses should be visually inspected and pressure tested regularly. This is specially important for hoses in critical applications, such as acid/chemical, steam and petroleum.
- Check for coupling seepage and coupling slippage frequently.

GENERAL TIPS FOR HOSES

STORAGE

If you want your hose to last 10 years and more, here are some tips:

- Store hose in cool, dry rooms.
- Store them away from direct sunlight and heat vents.
- Keep them away from arc welders and other electrical equipment.
- Do not open hoses from original wrapping till you actually need them.
- If the hose ends are plugged when shipped, do not unplug them till ready for installation (to keep the inside of hose clean)
- Temperature Hose should be stored in a cool, dry area never exceeding +38 C (+100 F). If stored below freezing, pre-warming may be required prior to handling, testing and placing into service.
- Do not hang coiled hose on a hook.
- Hose shipped straight should be stored straight.
- Open the packing carefully when using knives or sharp tools.

COUPLINGS

 Different types of couplings need to be used for different hoses for the sake of human safety and hose assembly life.

- Use proper size couplings and install them correctly.
- Use approved couplings for steam, LP Gas, Corrosive chemicals and petroleum products.
- If the coupling comes in contact with flammable material, make sure it is made of non-sparking material such as brass or aluminium.
- Before installing couplings check them for burrs or sharp edges.
- Make sure the hose ends are cut square before installing the couplings.
- Avoid oil based and permanent lubricant when installing couplings. Water and soap solution is a better alternative.

STATIC ELECTRICITY

- In some applications, it is important that the hose conducts electricity from the end of one coupling, through the hose, to the other coupling. This electrical bond, called a Static Bond, dissipates the Static Electricity that some materials generate when they pass through the hose. If this electricity is not picked up and conducted away from the material by the hose, a dangerous explosion could result.
- To discharge Static Electricity, static wires are provided in such hoses e.g. Petrol, Sandblast etc.

GATES INDUSTRIAL HOSES

HOSE TYPE	NOMINAL I.D.	MEAN O.D.		WORKIN RESSUF			IIN BURS			ND DIUS	VACCUUM	SERVICE TEMP.	CONSTRUCTION	RECOMMENDED FOR
SIPPER AVIATION HOSE MEETS BS EN 1361 & API 1529 TYPE C	1-1/2 2	56.0 66.3	kg/cm2 20.00 20.00		Psi 285 285	kg/cm2 80.00 80.00	Mpa 8.00 8.00	Psi 1140 1140	mm 245	inch 10.0	in.Hg 25	RANGE -30°C	Tube: Black, Resistant to aviation fuel, Nitrile Rubber Reinforcement: 2 braid of High-tenecity synthetic yarn	Recommended for all operations associated with Ground Fueling & De-Fuelling of Aircrafts. Suitable for applications with Petroleum Fuels having an Aromatic
WRESTLER HOSE	2-1/2 3 3/4	86.0 98.5 33.2	20.00 20.00 12.00	2.00 2.00 1.20	285 285 175	80.00 80.00 48.00	8.00 8.00 4.80	1140 1140 700	356 508 635 178	14.0 20.0 25.0 7.0	25 25 5 25	to +65°C -40°C	Cover: Black Anti-static NBR/PVC Rubber Tube: Excellent abrasion resistant, Anti-static, Modified NR. Black	Hydrocarbon content not exceeding 30% by volume. Highly abrasive material used in Sand Blasting applications including River Sand
MEETS IS: 5894	1 1-1/4 1-1/2	39.2 48.2 56.2	12.00 12.00 12.00	1.20 1.20 1.20	175 175 175	48.00 48.00 48.00	4.80 4.80 4.80	700 700 700	229 254 304	9.0 10.0 12.0	25 25 20	to +75°C	Reinforcement: High-tenecity synthetic yarn. 3/4", 1" Single yarn braid 1-1/4" 1-1/2" Double yarn braid 2 braid of high tenacity Tube: Specially compounded abrasion resistant &	Garnets, Copper Slag, Coal Particles, Corundum, Cast Steel, Grit Glass etc. Specially designed for superior performance-longer life due to very low tube wear.
CONCRETE HOSE GATES PROPRIETARY HOSE CONCRETE HOSE BLACK SNAKE HOSE	2-1/2	89.0 100.0	85.00 85.00	8.50 8.50	1233 1233	255.00 255.00	25.00 25.00	3700 3700	760 1000	30 39.3	10 10	-40°C to +70°C	resilient natural rubber black. Reinforcement: High tenacity synthetic yarn. Twin copper wire ensures reliable conductivity. Cover: specially compounded abrasion resistant natural rubber black.	Recommended to handle the pumping of concrete with high head pressure from concrete boom truck and as a discharge hose on the delivery end of high pressure concrete pumps. Specially designed high abrasion resistant tube is most suited for handling wet concrete, plaster or gout material.
EXCEEDS BS EN1360 TYPE 3 *Available in Black, Blue, Green, Red & Yelow	3/4 1 5/8 1-1/2	28.7 35.0 25.4 49.8	17.00 17.00 17.00 17.00	1.70 1.70 1.70 1.70	250 250 250 250	51.00 51.00 51.00 51.00	5.10 5.10 5.10 5.10	750 750 750 750	152 203 152 254	6.0 8.0 6.0 10.0	26 26 26 26	-30°C to - +49°C	Tube: Specially compounded Nitrile rubber black. Resistant to highly aromatic gasoline. Reinforcement: Braided high tenacity steel wire. Cover: Modified Nitrile rubber black.	Recommended for dispensing all types of petrol and diesel fuels for service station pumps. A heavy duty hard wall hose which does not collapse in reel use or behind the nozzle in demand service conditions
PETROL (GREENLINE) HOSE EXCEEDS IS: 2396	3/4	32.2 38.0	7.00 7.00	0.70	100 100	28.00 28.00	2.80	400 400	152 203	6.0 8.0	20 20	-30°C to +49°C	Tube: Specially compounded nitrile rubber black. Resistant to highly aromatic gasoline. Reinforcement: Two Braid of high tenacity synthetic Cover: Modified Nitrile rubber, black.	Recommended for dispensing all types of petrol and diesel fuels for service station pumps. Electrical conductivity having two number braided copper flex wires laid spirally in opposite direction for electrical conductivity.
CARBON FREE HOSE NON CONDUCTIVE HOSE	1/2 3/4 1 1-1/4 1-1/2 2 2-1/2 3	21.8 31.0 37.5 45.2 53.6 65.5 81.0	17.20 17.20 17.20 17.20 17.20 14.00 14.00	1.72 1.72 1.72 1.72 1.72 1.4 1.4	250 250 250 250 250 250 200 200	69.00 69.00 69.00 69.00 69.00 56.00 56.00	6.90 6.90 6.90 6.90 5.60 5.60	1000 1000 1000 1000 1000 800 800 800	102 127 152 191 203 304 508 635	4.0 5.0 6.0 7.5 8.0 12.0 20.0	25 25 25 25 20 10 10	-40°C to +100°C	Tube: Modified synthetic Rubber, grey Reinforcement: High tenacity synthetic yarn. Cover: Specially compounded Nitrile, green	Recommended for specialist furnace coolant application in electrical steel industry and other non conductive applications. Engineered with specially developed carbon free tube and cover, whereby meeting service requirements of low leakage current [less than 20 micro at 6 KV DC.
GP 60 (CONDUCTIVE HOSE) GENERAL PURPOSE LOW PRESSURE HOSE GP 60	1/4 5/16 3/8 1/2 5/8 3/4	13.3 15.0 17.0 20.5 25.0 29.0 35.0	20.00 20.00 20.00 20.00 20.00 20.00 20.00	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	290 290 290 290 290 290 290	60.00 60.00 60.00 60.00 60.00 60.00	6.00 6.00 6.00 6.00 6.00 6.00	870 870 870 870 870 870 870	45 65 75 100 125 150	1.8 2.6 3.0 3.9 4.9 5.9 7.1	26 26 26 25 20 20	-40°C to +95°C	Tube: NBR (Nitrile) Reinforcement: One or Two fiber braids. Cover: NBR (Nitrile)/PVC	General industrial applications such as oil, alcohols, aqueous solutions, hydraulic fluids, acids, detergents and chemicals.
GP 80 (CONDUCTIVE HOSE) GENERAL PURPOSE LOW PRESSURE HOSE GP 80	1/4 5/16 3/8 1/2 5/8	13.3 15.0 17.0 20.5 25.0	37.96 37.96 37.96 37.96 30.93	3.72 3.72 3.72 3.72 3.03	440	112.49 112.49 112.49 112.49 91.39	11.03 11.03 11.03 11.03 8.96	1600 1600 1600 1600 1300	45 65 75 100 115	1.8 2.6 3.0 3.9 4.5	26 26 26 25 20 20	40°C - to - +95°C	Tube: NBR (Nitrile) Reinforcement: One or Two fiber braids. Cover: NBR (Nitrile)/PVC	General industrial applications such as oil, alcohols, Aqueous solutions, hydraulic fluids, acids, Detergents and chemicals.
CHEMICAL HOSE EXCEEDS IS: 7654 Type 1	3/4 3/4 1 1-1/4 1-1/2	29.0 31.0 38.0 45.0 52.0 68.0	30.93 10.00 10.00 10.00 10.00	3.03 1.00 1.00 1.00 1.00	150 150 150 150 150 150	91.39 40.00 40.00 40.00 40.00 40.00	8.96 4.00 4.00 4.00 4.00 4.00	600 600 600 600 600	135 152 203 203 254 355	5.3 6.0 8.0 8.0 10.0	5 15 10 10 4	-40°C to +100°C	Tube: Specially compounded EPDM, black. Reinforcement: High tenacity synthetic yarn. Cover: Specially compounded EPDM, black.	Recommended for conveying dilute chemicals e.g. Alums Liquor, Caustic Soda, Lime solutions, Dilute Hydrochloric Acid, Dilute Sulphuric acid, Methyl Alcohol, Ethyl alcohol, Butyl alcohol, Isobutanol etc. [Ref. Gates Chemical Resistance Table or Gates representative for further information.
WASHDOWN GREEN LINE HOSE EXCEEDS IS: 4444 TYPE 3B	3/8 1/2	18.9	28.00	2.80	400 400	112.00 112.00	11.20 11.20	1600 1600	102 127	4.0 5.0	26 26	-30°C to +82°C	Tube: Modified Nitrile Rubber, Black Reinforcement: Single braid of high tenacity synthetic yarn. Cover: Modified Nitrile rubber, black.	Recommended for all car washing and pressure washer application in Garages, Service Stations and Industries.
SUPER SPRAY (GREENLINE) HOSE EXCEEDS IS: 1677 TYPE 4	3/8 1/2	21.0 24.6	55.00 55.00	5.50 5.50	800 800	165.00 165.00	16.50 16.50	2400 2400	102 127	4.0 5.0	26 3	-30°C to +82°C	Tube: Modified Nitrile Rubber, Black Reinforcement: Single braid of high tenacity synthetic yarn. Cover: Modified Nitrile rubber, black.	Recommended for very high pressure spraying of water based pesticides and chemicals in agriculture and forestry. Oil resistant tube ensures long life.
AIR DRILL BLACK HOSE AR DRILL (BLACK) HOSE	3/4 1 1-1/4 1-1/2 2 2-1/2	28.3 36.6 44.2 50.5 63.5 79.7	34.50 34.50 34.50 34.50 34.50 34.50	3.45 3.45 3.45 3.45 3.45 3.45	500 500 500 500 500 500	138.00 138.00 138.00 138.00 138.00	13.80 13.80 13.80 13.80 13.80	2000 2000 2000 2000 2000 2000	152 201 254 304 355 762	6.0 7.9 10.0 12.0 14.0 30.0	25 25 25 15 15	-30°C to +82°C	Tube: Specially compounded Nitrile Rubber, Black. Reinforcement: Single braid of high tensile steel wire. Cover: Option 1: Specially compounded highly abrasion resistant natural rubber, black. Option 2: Highly abrasion resistant modified Nitrile rubber, yellow. All sizes with perforated cover. Yellow cover MSHA IC 11C,	Recommended for heavy duty, high pressure use on industrial construction and pneumatic mining applications, requiring an extra heavy duty hose with an oil resistant tube and abrasion resistant cover.
ROCK DRILL (GREENLINE) HOSE Exceeds IS: 446 Type 3 OCCUPAL HOSE GREENLINE) HOSE	3 1/2 3/4 1	93.3 19.8 28.0 37.8	21.00 21.00 21.00	2.10 2.10 2.10	300 300 300	84.00 84.00 84.00	8.40 8.40 8.40	2000 1200 1200 1200	914 127 152 203	5.0 6.0 8.0	25 25 25 25	-30°C to +82°C	Flame resistant. Tube: Specially compounded Nitrile Rubber, Black. Reinforcement: Single braid of high tenacity synthetic yarn. Cover: Specially compounded highly abrasion resistant Nitrile rubber for size 12.5 mm & 20.0 mm Black High tension resistant modified natural rubber for size 25.0 mm, Black	Recommended for heavy duty, high pressure use on industrial construction and pneumatic mining applications, requiring an extra heavy duty hose with an oil resistant tube and abrasion resistant cover.
CNG HOSE MEETS SAE J30 R6 AIS 028 CNG HOSE	1/4 5/16 3/8 1/2 5/8 3/4	12.7 14.3 15.9 19.8 23.8 28.5	21.00 21.00 21.00 21.00 21.00 21.00	2.10 2.10 2.10 2.10 2.10 2.10	300 300 300 300 300 300	48.00 48.00 48.00 48.00 48.00 48.00	4.80 4.80 4.80 4.80 4.80 4.80	700 700 700 700 700 700	76 102 102 127 152	3.0 4.0 4.0 5.0 6.0 6.0	26 26 26 20 15	-40°C to +100°C	Tube: Specially compounded oil resistant Nitrile Rubber, Black. Reinforcement: High tenacity synthetic yarn. Cover: Specially compounded oil abrasion resistant Nitrile rubber Black	Recommended for CNG applications for use in CNG kits in automobiles upto 2.1 Mpa- (cars LCV, HCV etc.)
STEAM KING HOSE EXCEEDS IS: 10655 TYPE 3 &BS: 5342 TYPE 2	1 3/4 1 1-1/4 1-1/2	35.0 32.3 38.5 46.0 54.3 67.5	21.00 17.20 17.20 17.20 17.20	2.10 1.72 1.72 1.72 1.72 1.72	300 250 250 250 250 250	48.00 172.00 172.00 172.00 172.00	4.80 17.20 17.20 17.20 17.20	700 2500 2500 2500 2500 2500	203 229 279 406 508 635	8.0 9.0 11.0 16.0 20.0 25.0	15 20 20 20 20 10	-40°C to +232°C	Tube: EPDM, Black. Reinforcement: Single braid of high tenacity brass coated steel wire for size 12.7 mm Two braids of high tensile brass coated steel wire for size 20.0 mm to 50.0 mm. Cover: EPDM, black. All sizes are perforated.	Recommended for heavy duty industrial uses including heat control, melting of substance such as wax and glue, thawing, cleaning and steam transfer applications. It will handle all types steam saturated and superheated up to 185 psi and +232 degree centigrade. Note: Do not alternate change between steam and water.
STEAM (GREENLINE) HOSE EXCEEDS IS: 10655 TYPE 2 &BS: 5342 TYPE 1	3/4 1 1-1/4 1-1/2 2	31.0 36.6 43.5 50.6 63.5	10.00 10.00 10.00 10.00 10.00	1.00 1.00 1.00 1.00 1.00	150 150 150 150 150	100.00 100.00 100.00 100.00	10.00 10.00 10.00 10.00 10.00	1500 1500 1500 1500 1500	254 304 406 508 635	10.0 12.0 16.0 20.0 25.0	25 15 15 15 10	-40°C to +195°C	Tube: EPDM, Black. Reinforcement: Single braid of high tenacity brass coated steel wire for size 12.7 mm Cover: EPDM, black. All sizes are perforated.	Recommended for excellent steam handling. The hose features a specially compounded, perforated synthetic rubber cover intended for use where the hose is exposed to all types of steam-saturated and superheated up to 150 psi and 195 degree centigrade. Note:Do not alternate change between steam and water.
SAND BLAST HOSE EXCEEDS IS: 5894 TYPE 1 SAND BLAST HOSE	3/4 1 1-1/4 1-1/ ₂ 2	38.6 45.1 52.7 58.5 74.7	7.00 7.00 7.00 7.00 7.00	0.70 0.70 0.70 0.70 0.70	100 100 100 100 100	35.00 35.00 35.00 35.00 35.00	3.50 3.50 3.50 3.50 3.50	500 500 500 500 500	203 304 304 457 508	8.0 12.0 12.0 18.0 20.0	15 5 5 5 5	-40°C to +70°C	Tube: Specially compounded abrasion resistant & resilient natural rubber, Black. Reinforcement: High tenacity synthetic yarn. Twin Copper wires ensure reliable conductivity. Cover: Specially compounded abrasion resistant natural rubber. Black.	Recommended for sand, shot blasting applications and where abrasive material are carried at high velocity. Electrical conductivity: having two numbers braided copper flex wires laid spirally in opposite direction for electrical conductivity.
PNEUMATIC (GREENLINE) HOSE EXCEEDS IS: 446 TYPE 2 PNEUMATIC (STEWLINE) PNEUMATIC (PREUMATIC PREUMATIC	1/4 5/16 3/8 1/2 3/4 1 1-1/4 1-1/2	12.7 14.3 16.7 20.0 28.5 33.5 41.2	14.00 14.00 14.00 14.00 14.00 14.00 14.00	1.40 1.40 1.40 1.40 1.40 1.40 1.40	200 200 200 200 200 200 200 200	56.00 56.00 56.00 56.00 56.00 56.00 56.00	5.60 5.60 5.60 5.60 5.60 5.60 5.60	800 800 800 800 800 800 800	76 102 102 127 152 203 254 305	3.0 4.0 4.0 5.0 6.0 8.0 10.0 12.0	26 26 26 25 15 15 15	-30°C to +82°C	Tube: Modified Nitrile Rubber, Black. Reinforcement: Single braid of high tenacity synthetic yarn for size 6.3mm to 25mm. Single braid of high tensile brass coated Steel wire for size 31.5 mm to 50.0 mm. Cover: Specially compounded high abrasion resistant Nitrile rubber for size 6.3mm to 20 mm. Black. Highly abrasion resistant modified natural rubber for sizes 25.0 mm and above. Black.	Recommended for all types of pneumatic tools in industries, compressed air applications and construction industry.
AIR - WATER (GREENLINE) HOSE EXCEEDS IS: 446 TYPE1, 444 TYPE 2 AP-WATER HOSE HOSE HOSE	2 3/4 1/2 1 1-1/4 1-1/2	60.6 20.2 28.5 35.5 43.5 50.0	14.00 12.00 12.00 12.00 12.00 12.00	1.40 1.20 1.20 1.20 1.20 1.20	200 170 170 170 170 170	36.00 36.00 36.00 36.00 36.00	5.60 3.60 3.60 3.60 3.60	510 510 510 510 510	305 127 152 203 254 304	12.0 5.0 6.0 8.0 10.0	10 26 25 15 10 8	-30°C to +82°C	Tube: Specially compounded Nitrile Rubber, Black. Reinforcement: Single braid of high tenacity synthetic yarn. Single braid of high tenacity synthetic yarn. Cover: Specially compounded highly abrasion resistant Nitrile rubber for size 12.5 mm & 20.0 mm Black High abrasion resistant modified natural rubber for size 25.0 mm and above. Black	Recommended for all Air and Water applications requiring maximum flexibility in engineering Industry, workshop, shipyards, Irrigation etc.
SUPER HOSE SUPER HOSE SUPER HOSE	1	65.0 37.5	215.00	1.20 21.50	3125	36.00 840.00	3.60 84.00	12000	304	16.5	26	-40°C to +100°C	Tube: Black oil resistant synthetic rubber (Nitrile) Reinforcement: Two braids of high tensile steel wire. Cover: Black, oil, abrasion and flame resistant synthetic rubber (Modified Nitrile)	Recommended for all High pressure hydraulic ines in long wall mining equipment and roof support systems/petrolium based or water emulsion fluids.
LOL HOSE	1/4 3/8 1/2 5/8	12.0 16.0 19.6 23.9 26.9	21 21 21 21 21	2.1 2.1 2.1 2.1 2.1	300 300 300 300 300	84 84 84 84	8.4 8.4 8.4 8.4 8.4	1200 1200 1200 1200 1200	76 76 127 152 178	3.0 3.0 5.0 6.0 7.0	26 26 26 26 26	-40°C to +100°C	Tube: Type C (Nitrile). Black Reinforcement: Braided, high tensile synthetic textile cord. Cover: Type A (Neoprene). Black TypeC ₂ (Modified Nitrile). Blue, Red, yellow, green or gray.	Recommended for Petroleum-base hydraulic oils, water, glycol antifreeze solutions, hot lubricating oils, and air. NOTE: Lock-On hose and couplings are not recommended for pressure surge applications or critical applications, such as permanent piping in residential or commercial buildings. Not recommended for gasoline or diesel fuels.
WATER JET HOSE	1/2	24.6	1034		15000	2585	258.5	37500	229	9.0	-	-20°C to +70°C	Tube: Black, oil resistant, synthetic rubber (Nitrile - type C). Reinforcement: Four spirals of very high tensile steel wire. Cover: Black, oil resistant, synthetic rubber (Neoprene - type A). Impulse tested for more than 25,000 cycles at 15,000 psi pressure to ensure good service life	Recommended for Ultra high pressure water blasting applications, not to use for Hydraulic application.
RIG HOSE	1-1/2"	54.6 66.5	69 69	6.9	1000	275 275	27.5 27.5	4000 4000	510 635	20 25	-	-40 °C to +135 °C	Tube: Specially developped blend of synthetiec rubber (Black), resistant to high temperature of air & oil mist. Reinforcement: Two braid of high tensile steel wire. Cover: Highly abrasion resistance & flame resistance NBR/PVC (Black)	For pneumatic services in heavy duty drill rig compressor upto 1100 CFM capacity in ground drilling, quarries, construction and general inductry.

> This data is only representative of the Gates Industrial Hose range and not a comprehensive list of all sizes of industrial Hoses manufactured by Gates. For types and sizes not mentioned here please contact Gates Customer Care.

> Due to continual product improvements, Gates reserves the right to alter specifications and prices without prior notice. This Industrial Hose Catalog is the latest edition & supercedes all earlier gates Industrial catalogs.