



HEBEI TIANQU

HEBEI TIANQU SPECIAL RUBBER CO., LTD.

CONCRETE PUMP HOSE

T E C H N I C A L D A T A



Quality Assurance

Safety Of Mechanical Parts



ABOUT OUR COMPANY

HEBEI TIANQU SPECIAL RUBBER CO., LTD. specializes in rubber hose industry. We offer the most complete lines of rubber hoses such as concrete hoses, API 7K drilling hoses, hydraulic hoses and inflatable hoses, etc. Our factory covers an area of 30000 m² and building area of 6500 m², owning 60 sets of equipment, 85 staff and fixed assets 50 million. As a leader in the industry, we pay attention to human rights and have been designing more secure and competitive products to address our customers' the most complex challenges. Our responsive customer service team has allowed us to become the industry leader in on-time deliveries, while maintaining a high degree of order accuracy. Huayu has a great desire to cooperate with customers from all over the world on the basis of win-win cooperation.

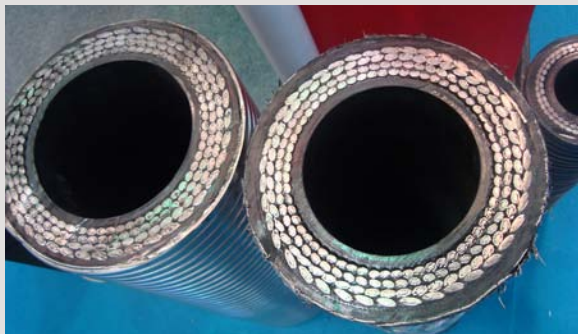
In addition, we service what we sell. Let us know if you have any question or demand.



Concrete Pump Hose

TIANQU concrete pump hoses can be used in concrete pump hose tail and shotcrete machine. And we could also provide you with reducing concrete pump hose. There are two kinds of reinforcement for it: steel wire and fabric. According to different using environment, we hope to give you the most specialized advice.

TIANQU CONCRETE PUMP TAIL HOSE



6" 85 bar steel wire concrete pump hose

Size: 6".

Reinforcement: four steel wire spiraled.

Inner Rubber Diameter: 150±1.0 mm.

Outer Rubber Diameter: 186±2.0 mm.

Working Pressure: 85 bar.

Burst Pressure: 200 bar.

Bending Radius: 570 mm.

Reference Weight: 17.0 kg per meter.

5" 85 bar steel wire concrete pump hose

Size: 5".

Reinforcement: four steel wire spiraled.

Inner Rubber Diameter: 127±1.0 mm.

Outer Rubber Diameter: 158±2.0 mm.

Working Pressure: 85 bar.

Burst Pressure: 200 bar.

Bending Radius: 360 mm.

Reference Weight: 12.8 kg per meter.

4" 85 bar steel wire concrete pump hose

Size: 4".

Reinforcement: four steel wire spiraled.

Inner Rubber Diameter: 102±1.0 mm.

Outer Rubber Diameter: 130±2.0 mm.

Working Pressure: 85 bar.

Burst Pressure: 200 bar.

Bending Radius: 300 mm.

Reference Weight: 9.10 kg per meter.

3.5" 85 bar steel wire concrete pump hose

Size: 3.5".

Reinforcement: four steel wire spiraled.

Inner Rubber Diameter: 89±1.0 mm.

Outer Rubber Diameter: 116±1.5 mm.

Working Pressure: 85 bar.

Burst Pressure: 200 bar.

Bending Radius: 290 mm.

Reference Weight: 7.50 kg per meter.

3" 85 bar steel wire concrete pump hose

Size: 3".

Reinforcement: four steel wire spiraled.

Inner Rubber Diameter: 76±1.0 mm.

Outer Rubber Diameter: 102±1.5 mm.

Working Pressure: 85 bar.

Burst Pressure: 200 bar.

Bending Radius: 270 mm.

Reference Weight: 6.00 kg per meter.

2.5" 85 bar steel wire concrete pump hose

Size: 2.5".

Reinforcement: two steel wire spiraled.

Inner Rubber Diameter: 64±0.8 mm.

Outer Rubber Diameter: 85±1.5 mm.

Working Pressure: 85 bar.

Burst Pressure: 200 bar.

Bending Radius: 250 mm.

Reference Weight: 4.30 kg per meter.

2" 85 bar steel wire concrete pump hose

Size: 2".

Reinforcement: two steel wire spiraled.

Inner Rubber Diameter: 51±0.7 mm.

Outer Rubber Diameter: 68±1.5 mm.

Working Pressure: 85 bar.

Burst Pressure: 200 bar.

Bending Radius: 200 mm.

Reference Weight: 2.80 kg per meter.

TIANQU CONCRETE PUMP TAIL HOSE



5" 80 bar fabric concrete pump hose

Size: 5".

Reinforcement: eight fabric spiraled.

Inner Rubber Diameter: 127±1.0 mm.

Outer Rubber Diameter: 166±2.0 mm.

Working Pressure: 80 bar.

Reference Weight: 9.00 kg per meter.

5" 55 bar fabric concrete pump hose

Size: 5".

Reinforcement: four fabric spiraled.

Inner Rubber Diameter: 127±1.0 mm.

Outer Rubber Diameter: 166±2.0 mm.

Working Pressure: 55 bar.

Reference Weight: 9.00 kg per meter.

4" 80 bar fabric concrete pump hose

Size: 4".

Reinforcement: six fabric spiraled.

Inner Rubber Diameter: 102±1.0 mm.

Outer Rubber Diameter: 134.8±1.5 mm.

Working Pressure: 80 bar.

Reference Weight: 6.80 kg per meter.

4" 55 bar fabric concrete pump hose

Size: 4".

Reinforcement: four fabric spiraled.

Inner Rubber Diameter: 102±1.0 mm.

Outer Rubber Diameter: 134.8±1.5 mm.

Working Pressure: 55 bar.

Reference Weight: 6.80 kg per meter.

3.5" 80 bar fabric concrete pump hose

Size: 3.5".

Reinforcement: six fabric spiraled.

Inner Rubber Diameter: 89±1.0 mm.

Outer Rubber Diameter: 122±1.5 mm.

Working Pressure: 80 bar.

Reference Weight: 5.5 kg per meter.

3.5" 55 bar fabric concrete pump hose

Size: 3.5".

Reinforcement: four fabric spiraled.

Inner Rubber Diameter: 89±1.0 mm.

Outer Rubber Diameter: 122±1.5 mm.

Working Pressure: 55 bar.

Reference Weight: 5.50 kg per meter.

3" 80 bar fabric concrete pump hose

Size: 3".

Reinforcement: four fabric spiraled.

Inner Rubber Diameter: 76±1.0 mm.

Outer Rubber Diameter: 102±1.2 mm.

Working Pressure: 80 bar.

Reference Weight: 4.60 kg per meter.

3" 55 bar fabric concrete pump hose

Size: 3".

Reinforcement: four fabric spiraled.

Inner Rubber Diameter: 76±1.0 mm.

Outer Rubber Diameter: 102±1.2 mm.

Working Pressure: 55 bar.

Reference Weight: 4.60 kg per meter.

2.5" 80 bar fabric concrete pump hose

Size: 2.5".

Reinforcement: four fabric spiraled.

Inner Rubber Diameter: 63.5±0.8 mm.

Outer Rubber Diameter: 87.4±1.0 mm.

Working Pressure: 80 bar.

Reference Weight: 3.60 kg per meter.

2.5" 55 bar fabric concrete pump hose

Size: 2.5".

Reinforcement: two fabric spiraled.

Inner Rubber Diameter: 63.5±0.8 mm.

Outer Rubber Diameter: 87.4±1.0 mm.

Working Pressure: 55 bar.

Reference Weight: 3.60 kg per meter.

TIANQU CONCRETE PUMP TAIL HOSE

2" 80 bar fabric concrete pump hose

Size: 2".

Reinforcement: four fabric spiraled.

Inner Rubber Diameter: 51±0.5 mm.

Outer Rubber Diameter: 73.8±1.0 mm.

Working Pressure: 80 bar.

Reference Weight: 2.60 kg per meter.

2" 55 bar fabric concrete pump hose

Size: 2".

Reinforcement: two fabric spiraled.

Inner Rubber Diameter: 51±0.5 mm.

Outer Rubber Diameter: 73.8±1.0 mm.

Working Pressure: 55 bar.

Reference Weight: 2.60 kg per meter.

SHOTCRETE MACHINE CONCRETE HOSE

64 mm 85 bar steel wire concrete hose

Size: 2.5".

Reinforcement: two steel wire spiraled.

Inner Rubber Diameter: 64±0.8 mm.

Outer Rubber Diameter: 85±1.5 mm.

Working Pressure: 85 bar.

Burst Pressure: 200 bar.

Bending Radius: 250 mm.

Reference Weight: 4.30 kg per meter.

64 mm 80 bar fabric concrete hose

Size: 2.5".

Reinforcement: four fabric spiraled.

Inner Rubber Diameter: 63.5±0.8 mm.

Outer Rubber Diameter: 87.4±1.0 mm.

Working Pressure: 80 bar.

Reference Weight: 3.60 kg per meter.

76 mm 85 bar steel wire concrete hose

Size: 3".

Reinforcement: four steel wire spiraled..

Inner Rubber Diameter: 76±1.0 mm.

Outer Rubber Diameter: 102±1.5 mm.

Working Pressure: 85 bar.

Burst Pressure: 200 bar.

Bending Radius: 270 mm.

Reference Weight: 6.00 kg per meter.

76 mm 80 bar fabric concrete hose

Size: 3".

Reinforcement: four fabric spiraled.

Inner Rubber Diameter: 76±1.0 mm.

Outer Rubber Diameter: 102±1.2 mm.

Working Pressure: 80 bar.

Reference Weight: 4.60 kg per meter.

89 mm 85 bar steel wire concrete hose

Size: 3.5".

Reinforcement: four steel wire spiraled.

Inner Rubber Diameter: 89±1.0 mm.

Outer Rubber Diameter: 116±1.5 mm.

Working Pressure: 85 bar.

Burst Pressure: 200 bar.

Bending Radius: 290 mm.

Reference Weight: 7.50 kg per meter.

89 mm 80 bar fabric concrete hose

Size: 3.5".

Reinforcement: six fabric spiraled.

Inner Rubber Diameter: 89±1.0 mm.

Outer Rubber Diameter: 122±1.5 mm.

Working Pressure: 80 bar.

Reference Weight: 5.5 kg per meter.

REDUCING CONCRETE PUMP HOSE

The advantage of reducing concrete pump hose includes:

- It has less weight at the boom tip, making it easier to operate for workers.
- It can control smooth concrete flow, and eliminate splatter.
- It is convenient for the application of different diameters.

Details of reducing concrete pump hose:

- **Structure:** Reducing concrete pump hose is composed of three parts: tube, reinforcement and cover.
- **Tube:** resistant to high abrasion, mainly NR synthetic rubber.
- **Reinforcement:** multiple layers of high tensile steel wires or polyester cords.
- **Cover:** resistant to extreme weather, ozone, corrosion, abrasion and cutting synthetic rubber.
- **Temperature range:** -30 °C to +80 °C.
- **Size:** 5" - 4", 5" - 3.5", 5" - 3", 4" - 3.5" and 4" - 3".
- **Working pressure:** 55 bar or 80 bar.
- **Length:** 3 m, 3.5 m and 4 m.



MORTAR HOSE

Steel wire reinforced mortar hose:

- **Inner diameter:** 32 mm, 35 mm, 38 mm.
- **Outside diameter:** 45 mm, 48 mm, 52 mm.
- **Working pressure:** 40 bar.
- **Max safety factor:** 2.5:1.

Fabric reinforced mortar hose:

- **Inner diameter:** 19 mm, 25 mm, 32 mm, 35 mm and 38 mm.
- **Outside diameter:** 32 mm, 38 mm, 44.5 mm, 47 mm, 48 mm and 52 mm.
- **Working pressure:** 40 bar.
- **Max safety factor:** 2.5:1.



FITTINGS

As to the fittings, we usually adopt “M” for inland clients and “HD” for international market clients. Of course, customized fittings are also available upon your special requirement.

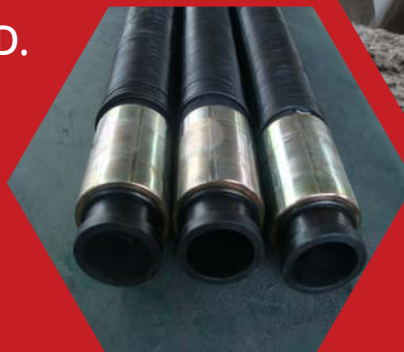


TIANQU concrete pump hose is mainly used to convey highly abrasive concrete in concrete placement industry, such as buildings, bridges, tunnels, beams, mining reinforcement, subways and swimming pools, etc. But for the sizes and working pressure above, we could provide you with customer-made products, welcome to your inquiry.



When you contact us,
please provide your
detailed requirements.

That will help us give
you a valid
quotation.



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