

Packing:



Finished Products



Label, End cap and Plastic Bag



Final Packing



Final wooden pallet

We help customers tag labels with all necessary information on the hose end. Or we laser printing all necessary information on end fittings.

Each stainless steel braided ptfе hose assembly is separately packaged in one plastic bag. 10 sets or reasonable quantity assemblies loaded in one master carton box. All master carton boxes loaded on plywood pallets or cases per international shipping standards.

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HYDRAULICS



Stainless steel braided PTFE hose

Good faith cooperation

Bright future



CANGZHOU QC HYDRAULICS CO., LTD

Specification:

When hydraulic rubber hose is not enough, our stainless steel braided PTFE hose can satisfy you.

Flexible & Strong:

Reinforcing stainless steel wire cover, PTFE hose can perform under high pressure and continuous flexing and vibration conditions. Braided PTFE hose can withstand hundreds of thousands of flex cycles without failure or fatigue.

Wide Ranging Temperature:

PTFE hose can typically withstand temperatures from -100F to +500F (-73 °C to +260 °C) under most operating conditions. Even 350F steam/cold water cycling is no match for PTFE.

Difficult applications in the industry:

- Vacuum/Steam Lines
- Gas R&D research
- Chemical Processing
- Marine/Military
- Biomedical
- Industrial Adhesives
- Crude oil industry
- Extraction equipment and system
- Truck and Bus System
- Aerospace and defense
- Steel and Paper Mill
- Spray Paint

Item	Size	Inner Dia. (mm)	PTFE hose thickness (mm)	Working Pressure (Bar)	Working Pressure (psi)	Burst Pressure (Bar)	Burst Pressure (psi)	Bending Radius (mm)
1	1/8"	3.2	1	188	2664	750	10658	39
2	3/16"	5	1	178	2522	710	10089	45
3	1/4"	6	1	175	2487	700	9947	60
4	5/16"	8	1	155	2203	620	8810	70
5	3/8"	10	1	145	2060	580	8242	80
6	1/2"	13	1	100	1421	400	5684	130
7	5/8"	16	1.5	75	1066	300	4263	163
8	3/4"	19	1.5	70	995	280	3979	180
9	7/8"	22	1.5	58	817	230	3268	200
10	1"	25	1.5	38	533	150	2132	230



Production:



PTFE/Teflon Hose



Braiding Machines



Stainless Steel Braided PTFE Hose



Techmaflex Crimping Machine for Hose

As we know stainless steel braided ptfе hose application is wicked and dangerous. Some are used for chemical liquid, crude oil, gas control system, truck brake system and high pressure air etc.

What we do to guarantee the quality:

We select the material of ptfе and wires per customer's request. Some are from US, Japan and Taiwan, some are from China local market. We only choose high quality raw material.

We use different wire diameter and quantity for different size ptfе hose. Adjust the strength and angel for when we change the hose and wire material during braiding process. Make sure all stainless steel braided ptfе hose reach high pressure request.

We use CNC Lathe Machines for end fittings production. Machine system, knife and inspection tools are all imported from Japan.

We use Techmaflex Brand Crimping Machine imported from France which has accurate and stable performance for crimping because it was produced for PTFE hose crimping only.

Inspection:



PTFE hose assembly



Measurement



Chemical Analysis



Pressure Testing

We test the leakage of each roll before braiding. After braiding, we will cut 300mm and crimp it with end fittings for burst pressure testing. Only high pressure reached ptfе hoses can pass the quality control.

Each roll of stainless steel braided ptfе hose or its assembly with end fittings, we can guarantee the quality. All of them must be passed the high pressure request testing. Our products main market is US and Euro, our responsibility is providing super high quality products and helping customers win great reputations.

Pressure Test Report and Mill Test Certificate is available.