

## COMPOSITE PIPE

**Rheological Braided Composite Tube**



**Spring Composite Tube**



**Cutting Composite Pipes**



**Adjustable Bending Composite Pipe**



**Electrode Composite Tube**



**MATERIAL COMPOSITION**

- 1.PEBAX, PA11, PA12, TPU extrusion tube;
- 2.PTFE lined tube;
- 3.Stainless steel wire, nickel titanium wire and other metal wires;
- 4.PET, FEP heat shrink tube;

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- 2.PTFE lined tube;
- 3.Cutting tube;
- 4.FEP heat shrink tube;

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- 2.PTFE lined tube;
- 3.Stainless steel wire, nickel titanium wire and other metal wires;
- 4.PET, FEP heat shrink tube;
- 5.Pull ring;

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- 2.PTFE lined tube;
- 3.Stainless steel wire, nickel titanium wire and other metal wires;
- 4.PET, FEP heat shrink tube;
- 5.Pull ring;
- 6.Electrode;

**PROCESSING PROCESS**

Extrusion-Weaving-Assembly-Rheology

Extrusion-Coiling-Assembly-Rheology

Extrusion-Hypotube Cutting-Assembly-Rheology

Extrusion-Weaving-Assembly-Rheology

Extrusion-Weaving-Assembly-Rheology

# EXTRUSION TUBE

Balloon Tube	Thin-Walled Tubes	Multi-Lumen Tube	Multilayer Tubes	Extruded Braided Composite Tube	Extruded PTFE Lined Tube
MATERIAL COMPOSITION	1. Raw material particles;	1. Raw material particles;	1. Raw material particles;	1. Raw material particles; 2. Metal wires such as stainless steel wire, nickel titanium wire, etc.;	PTFE powder
PROCESSING PROCESS	Extrude	Extrude	Extrude	Extrude	Extrusion - Weaving - Extrusion

## HEAT SHRINK TUBE

## WOVEN PRODUCTS

**PET Heat Shrink Tube**



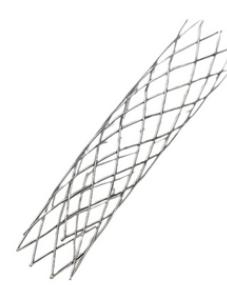
**FEP Heat Shrink Tubing**



**PO Heat Shrink Tube**



**Woven Stent**



**Braided Occluder**



### MATERIAL COMPOSITION

1. PET granules

2. FEP particles

3. PO particles

1. Stainless steel wire,  
nickel titanium wire and  
other metal wires

2. Stainless steel wire,  
nickel titanium wire and  
other metal wires

### PROCESSING PROCESS

Extrusion-expansion

Extrusion-expansion

Extrusion-expansion

Weaving-Heat Setting

Weaving-Heat Setting

# CUTTING PRODUCTS

**Hypotube**



**Metal Bracket Cutting Parts**



**Metal Connector Cutting Parts**



**Vascular Stent Marker Ring (Metal)**



## MATERIAL COMPOSITION

1.304 stainless steel,  
316L stainless steel,  
nickel titanium alloy  
and other metal tubes

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316L stainless steel,  
nickel titanium alloy  
and other metal tubes

1.304 stainless steel,  
316L stainless steel,  
nickel titanium alloy  
and other metals

1.304 stainless steel,  
316L stainless steel,  
nickel titanium alloy  
and other metals

## PROCESSING PROCESS

Cutting - Heat Setting -  
Polishing

Cutting - Heat Setting -  
Polishing

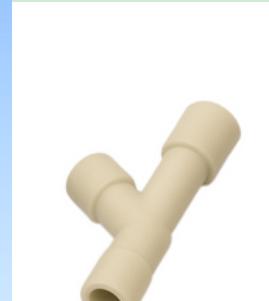
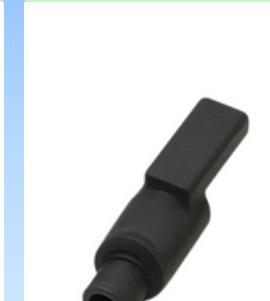
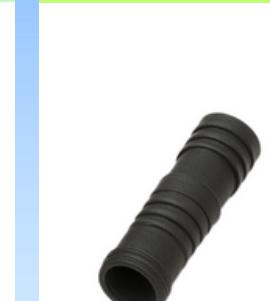
Cutting - Heat Setting -  
Polishing

Cutting

# DIP COATING PRODUCTS

	Impregnated PTFE Lined Pipe	Coated PTFE Rods/Tubes	PU Coated Parts	PTFE Coated Parts	Drug Coated Stent Components
MATERIAL COMPOSITION	1. Silver-plated copper wire; 2. PTFE impregnation solution;	1. Metal wire rods such as stainless steel wire and nickel titanium wire; 2. PTFE impregnation solution;	1. Component substrate (stainless steel/polymer); 2. PU impregnation solution	Component base material (stainless steel/polymer), PTFE coating material	Metal stent substrate (stainless steel/nickel titanium), rapamycin/paclitaxel + carrier material
PROCESSING PROCESS	Dipping-drying	Dipping-drying	Dipping-drying	Dipping-drying	Dipping-drying

# INJECTION MOULDING PRODUCTS

Conduit Connector	Controllable Bend Handle	Conveyor System Handle	Y Type Value	Plug Valve	Connecting Pipe Joints	Injection Molding Parts of Puncture Kits	
							
MATERIAL COMPOSITION	Medical grade PC, ABS, nylon, PBT and other plastics	Medical grade PC/ABS, metal connectors (stainless steel/titanium alloy)	Medical grade PC/ABS, rubber	Medical grade PC, ABS, nylon and other plastics	Medical grade PC, ABS, nylon and other plastics	Medical grade PP, PE and other plastics	Medical grade PC, nylon and other plastics
PROCESSING PROCESS	Injection molding	Injection molding	Injection molding	Injection molding-assembly	Injection molding-assembly	Injection molding	Injection molding