

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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4. PET, FEP heat shrink tube;

1. PEBAX, PA11, PA12, TPU extrusion tube;
2. PTFE lined tube;
3. Cutting tube;
4. FEP heat shrink tube;

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;
5. Pull ring;

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;
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;

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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

Injection Pressure

HEAT SHRINK TUBE

WOVEN PRODUCTS

PET Heat Shrink Tube



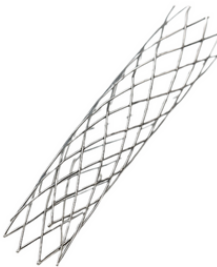
FEP Heat Shrink Tubing



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

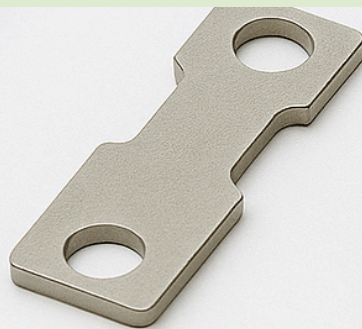
Weaving-Heat Setting

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

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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