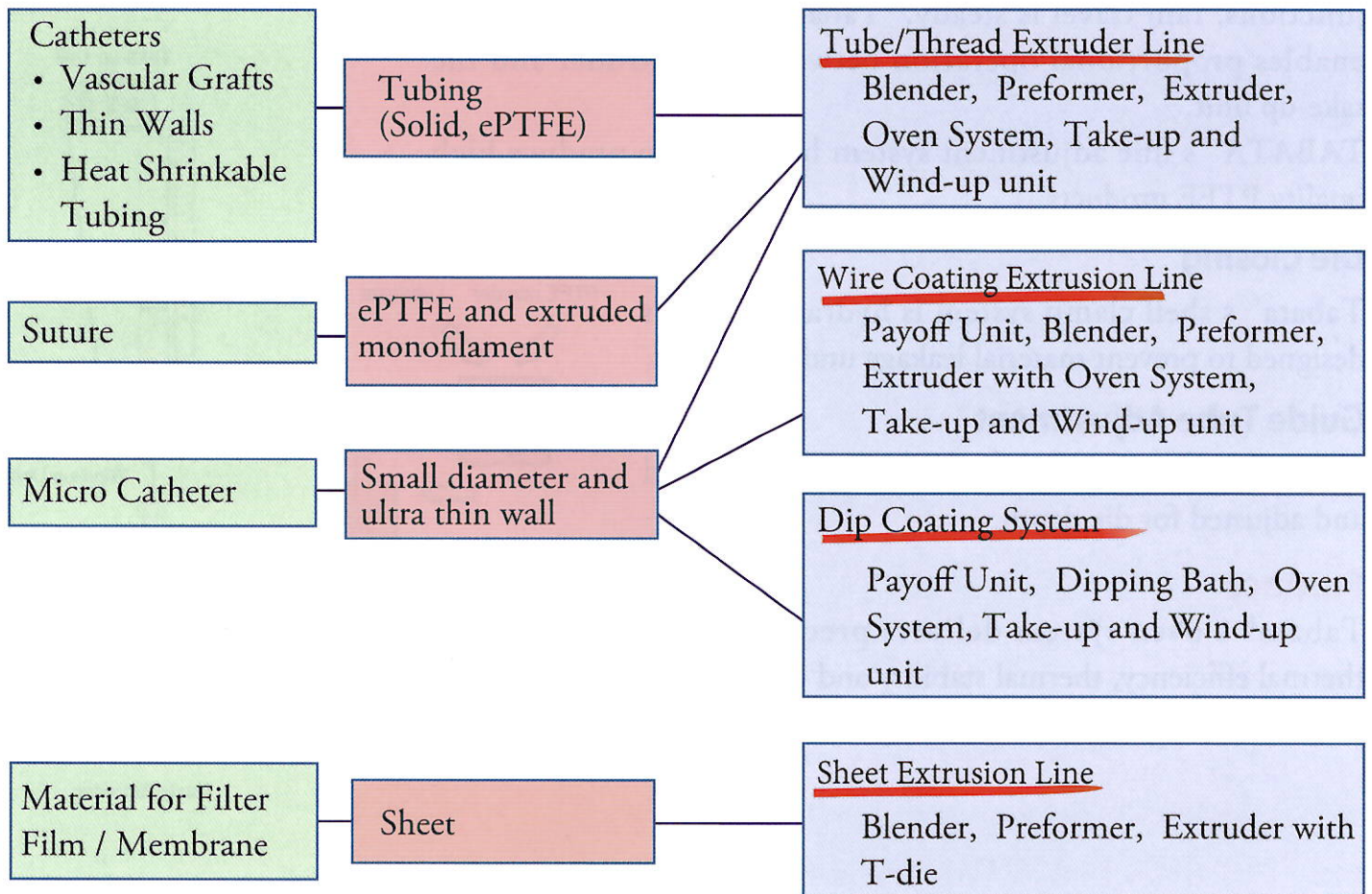
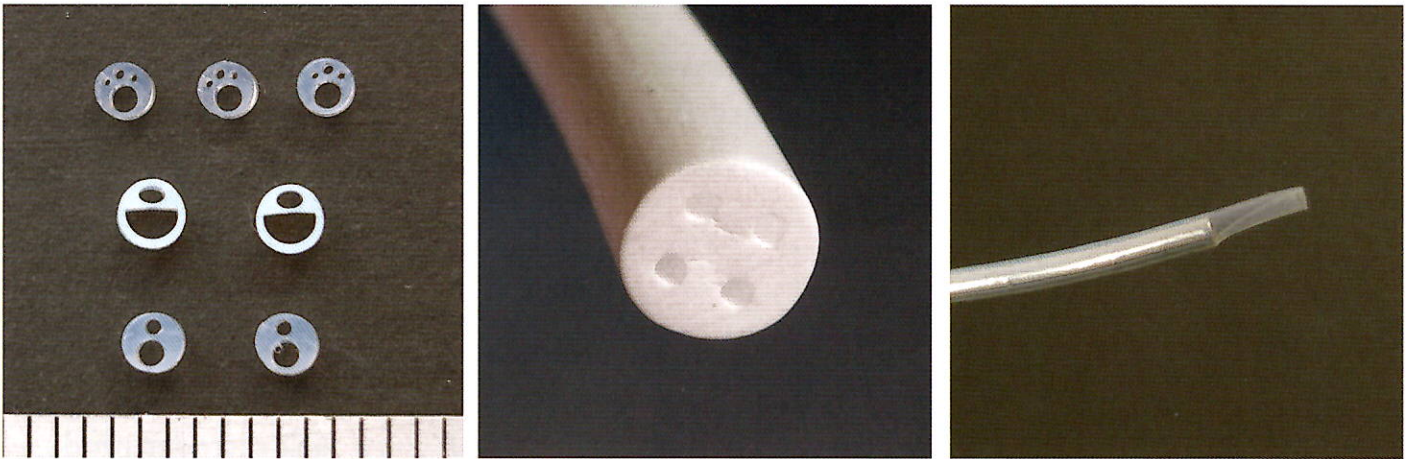




PTFE Processing Machine For Medical Device

PTFE and ePTFE products manufactured by TABATA extruder and dip coating system are widely applied to medical devices, that are catheter, vascular grafts, sutures.



About TABATA

TABATA has been designing and manufacturing polymer processing systems, injection molding machines, screw extruders, ram extruders and subsidiary devices since 1955.

TABATA has achieved deep expertise in PTFE processing systems through more than sixty years of experience. TABATA customers are applying Tabata technology in many countries around the world.

PTFE Extrusion Line

Pre-former

Preforming is a significant factor in a PTFE extrusion system. TABATA preformers have unique design features that deliver uniform density and highly concentric preforms. Its position detection, variable speed and mandrel location systems are key to preform uniformity and quality.

Paste extruder

Drive Unit

TABATA's PTFE paste extruders are designed with hydraulic drives or electric motor drives, based on the application. The precision electric motor drive and screw jack extruder produces precise and stable ram movement regardless of variation in load resistance. Even at perform junctions, ram travel is steady. Tabata's electric motor drive enables proportional operation between the extruder and the take-up unit.

TABATA's fine adjustment system helps you to produce high quality PTFE products.

Die Closing

Tabata's shell clamp system is hydraulic, and is designed to prevent material leakage under pressure.

Guide Tube Adjustment

Guide tube position can be electronically rotated and adjusted for die depth.

Furnace

Tabata's oven system delivers precise control, high thermal efficiency, thermal stability and durability.

