

Medical-grade polymers *for healthcare*

Meditalia Industriale develops and manufactures medical-grade films, bags and tubing for OEMs, converters and device manufacturers, from polymer formulation to finished fluid-management system assembly.

40+

years of expertise

ISO 13485

certified quality management

Class IIb

MDR-certified medical devices

Medical-grade films

Layflat, foil and double-wound formats

In-house formulation, compounding and extrusion give converters control over thickness consistency, film wandering and post-sterilization shrinkage for reliable converting and RF welding.

Custom options: dimensions, surface finish and supply configuration to suit production processes and final-device requirements.

Medical-grade containers

Empty bags for system assembly

Blood and medical bags welded from our own films, supplied as semi-finished components for fluid-management systems. Bag geometries and configurations can be tailored to the application.

Solutran® Hemo example: 20–1,300 mL volumes, 1–4 tubes, printed or unprinted, with bulk or assembled supply options.

Medical-grade tubes

Coils, reels and cut lengths

Formulations balance flexibility, hardness and mechanical performance, including enhanced kink resistance where required. In-house extrusion controls inner and outer diameters and cut length for repeatable assembly.

Custom options: ID/OD combinations, hardness levels, colours and supply formats to match the manufacturer's process.

Manufacturing and customization

In-house polymer development and closed-circuit compounding. Film and tube extrusion in ISO Class 9 cleanrooms, with high-frequency welding and assembly in ISO Class 7 cleanrooms. Application-specific compositions and configurations, with support from prototype development to scalable manufacturing and finished OEM system assembly.

Fields of application



Blood and Blood
Components Applications



Nutrition
Applications



Dialysis
Applications



Cryopreservation
Applications



IV Solutions
Applications

Material platforms

Formulations for each application

Each platform defines a material formulation for specific medical applications and provides the foundation for Meditalia's product portfolio.

Solutran® Hemo

PVC plasticized with DEHP for blood collection, processing and component storage, particularly whole blood, red blood cells and plasma.

■ Blood and blood components

Solutran® Hemo T

PVC plasticized with TEHTM. A DEHP-free and phthalate-free formulation for blood component processing and storage, particularly platelet concentrates.

■ Blood and blood components

Solutran® Hemo E

PVC plasticized with DEHT. A DEHP-free and phthalate-free formulation developed for the next generation of blood and blood component containers.

■ Blood and blood components

Solutran® G

PVC plasticized with DEHT and TEHTM. DEHP-free and phthalate-free, for blood and blood components, enteral nutrition, drainage and cardioplegia.

■ Blood and blood components ■ Nutrition

Solutran® Plus

PVC plasticized with DEHT. A DEHP-free and phthalate-free formulation developed for IV solution and dialysis containers.

■ Dialysis ■ IV solutions

NutriEVA®

EVA (ethylene-vinyl acetate) for parenteral nutrition applications. Available in natural and amber versions.

■ Nutrition

CryoEVA®

EVA (ethylene-vinyl acetate) developed for cryopreservation applications requiring freezing down to -196°C.

■ Cryopreservation

Technical characteristics depend on the selected platform and configuration. Commercial data sheets provide test conditions and validation requirements.