

Solutran HEMO®

*Medical PVC for Trasfusional Sector:
Container for Human Blood and
Blood Component*

Solutran HEMO® PVC GRANULE

In compliance with the strictest ISO and GMP standards, Meditalia Srl produce **Solutran Hemo®**: Medical Granules in Non-Toxic soft, flexible, but extremely resistant PVC for the production of tubulars and extruded tubes used in the manufacturing of Blood Bags and Blood Component used in the transfusion sector.

The extremely high quality, non-toxic property and suitability for use of **Solutran Hemo®** is guaranteed:

- by the production of the PVC compound in a granulation unit which is completely automated and sealed to guarantee the purity of the finished product;
- by the rigorous use of suitable raw materials which are certified for medical use;
- by the specific and unique composition which gives the extruded **Solutran Hemo®** the collapse-resistant properties of the surfaces as well as all the mechanical properties required for final use as Blood Bags and Blood Component.

Solutran HEMO® PVC LAY FLAT TUBE AND TUBE

The **Solutran Hemo®** tubular and tube, Non-Toxic and Biocompatible, flexible but resistant supply our customers with perfectly suitable and functional products to be used as Blood Containers and Blood Components, so its application is the transfusional sector.

Solutran Hemo® standard production has thickness 0,60 mm, width 240 mm, but we are able to manufacture it in varying thicknesses and widths to meet customers' requirements.

Solutran Hemo® tubular and tubes offer collapse-resistant properties of the surfaces, and give to the container all the technical properties required by Eu. Ph. Sez. 3.2.3 as Resistences to centrifugation, to stretch, to leakage, to emptying under pressure, as well as to sudden changes in temperature ranging from freezing conditions to exposure to high temperatures.

Optimal gas permeability, $O_2 TR = 680 \text{ cc/m}^2 \cdot 24h \cdot \text{atm}$;
 $CO_2 TR = 10205 \text{ cc/m}^2 \cdot 24h \cdot \text{atm}$.

To safeguard against contamination, **Solutran Hemo®** tubulars and tubes are produced in specially protected areas (class 100.000 cleaning room).

Modern and validated extrusion plants guarantee **Solutran Hemo®** correct destination use: the film stability, the quality of the rolling process, the constancy of its size parameters.



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