


# MEDICAL BAGS



Revisione A0 del 01.10.2018

TRADE MARK Product			Solutran® Hemo	Solutran® HemoT	Solutran® G Phthalate Free	NutriEVA®
Description			PVC Plastic Container designed as a primary packaging material for Hemo Components /with DEHP	PVC Plastic Container designed as a primary packaging material for Hemo Components - Phthalate Free /with TEHTM	PVC Plastic Container designed as a primary packaging material for Hemo Components, Nutrition & Ozonotherapy - Phthalate Free /with TEHTM	PVC Plastic Container -in EVA- designed as a primary packaging material for Photosensitivity Solutions
Medical Use			PVC Plastic Containers for Blood Bags Systems & Hemo Components (Red Blood Cells & Whole Blood)	PVC Plastic Containers Blood Bags Systems & Hemo Components (Platelets)	PVC Plastic Containers for Ozone Therapy System, Hemo Components and Nutrition	PVC Plastic Containers as a primary packaging Photosensitive Solutions, Chemotherapy & Nutrition
Plasticising	DEHP (DOP**)		●			
	DEHT (DOTP**)					
	TEHTM (TOTM**)			●	●	
	EVA					●
Outflow Tubes	From 1 to 2					
	From 1 to 3					●
	From 1 to 4		●	●	●	
Color ***	Natural		●	●	●	
	Natural Clear					
	Light Blue					
	Amber					●
Thickness	Single Layer		0,30mm up to 0,4mm	0,30mm up to 0,4mm	0,30mm up to 0,4mm	0,30mm up to 0,4mm
	Double Layer		0,60mm up to 0,8mm	0,60mm up to 0,8mm	0,60mm up to 0,8mm	0,60mm up to 0,8mm
Width			60mm up to 420mm	60mm up to 420mm	60mm up to 420mm	60mm up to 420mm
PHYSICAL PROPERTIES	Hardness	Value	76 Shore A	65 Shore A up to 80 Shore A	70 Shore A	-----
		Method	ISO 868	ISO 868	ISO 868	-----
	Melt Flow Index	Value (average)	-----	-----	-----	0,7 g/10min
		Method	-----	-----	-----	ISO 1133
	Density	Value (average)	1,2 g/cm <sup>3</sup>	1,2 g/cm <sup>3</sup>	1,2 g/cm <sup>3</sup>	0,94 g/cm <sup>3</sup>
		Method	ISO R 1183	ISO R 1183	ISO R 1183	ISO 1183
	Tensile Breaking Load	Value (average)	180 Kg/cm <sup>2</sup>	180 Kg/cm <sup>2</sup>	200 Kg/cm <sup>2</sup>	367 Kg/cm <sup>2</sup>
		Method	ISO R 527	ISO R 527	ISO R 527	ASTM D882 B
	Elongation at Break	Value (average)	308%	330%	400%	500%
		Method	ISO R 527	ISO R 527	ISO R 527	ASTM D882 B
	Stiffening Temperature	Value (average)	< - 80 °C (depending on Shore)	< - 80 °C (depending on Shore)	< - 80 °C (depending on Shore)	< - 80 °C
		Method	ISO R 458	ISO R 458	ISO R 458	ASTM D746
HANDLING	Capacities	The capacity of the Medical Bags adapts to the customer's request and the available molds. Standards (ml): <b>from 20 to 60, 100, 150, 200, 250, 300, 400, 500, 600, 1000, 1300, 1500, 2000, 3000, 3800, 4000, 4500, 5000, 5500</b>				
	Storage Conditions	Packaging Type	The product is normally packed in a double PE bags closed and then in a carton box. Different			
		Room Temperature	Not Exceeding 40 °C			
		Temperature at Use	48h before use it should be stored within 18 °C to 22 °C			
Shelf-life	5 years from the date of production					

\* Decrease of blushing effect after sterilization process

\*\* Acronym In Italian Language

\*\*\* Color differences depend of the tone of the resin