




MEDICAL BAGS

TRADE MARK Product			Solutran®	Solutran® Plus	Solutran® DOP Free	Solutran® Plus DOP Free		
Description		PVC Plastic Container designed as a primary packaging material for pharmaceutical solutions /with DEHP		PVC Plastic Container designed as a primary packaging material (with CLEAR-PVC*) for pharmaceutical solutions /with DEHP		PVC Plastic Container designed as a primary packaging material (with CLEAR-PVC*) for pharmaceutical solutions - DEHP Free /with DEHT		
Medical Use		PVC Plastic Containers as a primary packaging for Infusion, Irrigation & Renal Systems		PVC Plastic Containers as a primary packaging for Infusion, Irrigation & Renal Systems. For products that require exceptional transparency.		PVC Plastic Containers as a primary packaging for Infusion, Irrigation & Renal Systems. For products that require exceptional transparency.		
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		
	Double Layer	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		
PHYSICAL PROPERTIES	Hardness	Value	75 Shore A up to 90 Shore A		80 Shore A up to 90 Shore A		75 Shore A up to 90 Shore A	
		Method	ISO 868		ISO 868		ISO 868	
	Melt Flow Index	Value ^(average)	-----		-----		-----	
		Method	-----		-----		-----	
	Density	Value ^(average)	1,2 g/cm ³		1,2 g/cm ³		1,2 g/cm ³	
		Method	ISO R 1183		ISO R 1183		ISO R 1183	
	Tensile Breaking Load	Value ^(average)	From 135 to 170 Kg/cm ²		From 135 to 170 Kg/cm ²		From 130 to 175 Kg/cm ²	
		Method	ISO R 527		ISO R 527		ISO R 527	
	Elongation at Break	Value ^(average)	From 340% to 270% (depending on Shore)		From 340% to 270% (depending on Shore)		From 350% to 280% (depending on Shore)	
		Method	ISO R 527		ISO R 527		ISO R 527	
	Stiffening Temperature	Value ^(average)	From -22°C to -8°C (depending on Shore)		From -22°C to -8°C (depending on Shore)		From -22°C to -7°C (depending on Shore)	
		Method	ISO R 458		ISO R 458		ISO R 458	
	Capacities		The capacity of the Medical Bags adapts to the customer's request and the available molds. Standards (ml): from 20 to 60, 100, 150, 200, 250, 300, 400, 500, 600, 1000, 1300, 1500, 2000, 3000, 3800, 4000, 4500, 5000, 5500					
	Storage Conditions	Packaging Type	The product is normally packed in a double PE bags closed and then in a carton box. Different packaging can be requested.					
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