

Blood and Plasma Bag



Blood and plasma bags in refrigerators and freezers require unique labelling functions, including reliable low-temperature performance and chemical exposure.

More than one million human tissue samples are collected, stored and transported each year – at temperatures as low as -196°C . Our comprehensive Low Temperature portfolio is designed for bottles, test tubes, vials and other containers used in hospitals, clinics and research labs. It enables many printing technologies across applications ranging from blood bags through to cryogenic and laboratory packaging.

Labels comply with FDA and European food regulations, and have been approved by ISEGA testing institute according to DIN ISO 3826 for “Plastic Collapsible Containers for Human Blood and Blood Components”.

Key features

- Extreme low cryogenic temperatures: -196°C
- Steam autoclave sterilisation (up to $+121^{\circ}\text{C}$)
- Good chemical resistance
- UV flexo, thermal transfer, direct thermal and UV inkjet
- White, opaque and clear versions




Application areas

- Blood bag and plasma bag
- Human and animal health: blood fractioning, stem cells, serum
- Hospital, clinic and laboratory labelling
- Deep freeze applications
- Re-labelling with opaque labels

Product information

Code	Description	MOQ (m ²)	Width (mm)	Location	Service temp. range	Minimum app. temp.	Multi-layer construction	Autoclave sterilization	DIN ISO3826 compliance	FDA175.105 compliance	Printability				
											Thermal transfer	Direct thermal	Laser print		
Primary and secondary application															
AD980	Transfer PP AL171 BG40WH	1000	1000	EUR	-80°C +140°C	+10°C		✓	✓	✓	✓				
AA134	PE105 Matt White AL171 BG40WH	1400	1400	EUR	-80°C +140°C	+10°C		✓	✓	✓				✓	
AA437	MC Wett Strength AL171 BG40WH	1000	1000	EUR	-80°C +140°C	+10°C		✓	✓	✓	✓				
Secondary application															
AQ665	PB PP NG Top White 2XS2060NP BG40BR/BG40WH	1000	1000	EUR	-40°C +70°C	0°C	✓		✓	✓	✓				
AO525	Transfer PE HD C2020P BG40WH	1000	1000	EUR	-50°C +80°C	-20°C			✓	✓	✓				
AN038	Transfer PEHD S2060NP BG40BR	1000	1000	EUR	-40°C +70°C	0°C			✓	✓	✓				
AQ596	PP NG Top White S2060NP BG45WH	1000	1000	EUR	-40°C +70°C	0°C			✓	✓					

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