

Bottle & Can Labelling



The process of bottle and can labelling raises two main technical challenges: very fast line speed and environmental requirements for the finished products.

Bostik adhesives are developed to run on highest line speeds. They also cover a large variety of materials, from paper to OPP or PVC films and PET or polyethylene bottles.

Labelling: Hot Melt adhesives

		Product	Colour	Base	Viscosity (mPa.s) at 170°C	Softening point Ring & Ball (°C)	Benefits
Horizontal labelling	Canning industry	TEM 757	Yellow	EVA	1000-1700	86-95	Paper on metal (dry cans) Label pick up adhesive Application by wheel (Duvivier, Burt, etc)
		XT 20051	White	APAO	1200-1800	94-104	Paper on metal (wet and cold cans) Label pick up adhesive Application by wheel (Duvivier, Burt, etc)
Vertical labelling	Canning industry	TEM 895	Yellow	EVA	2100	75	Standard or treated paper on metal (hot and greasy cans) Line speed: < 30 000 cans / hour Application: Krones or 5000, Sacmi or PE machine
	Non carbonated drinks	TEM 933M	Yellow	EVA	1000-1400	51-61	Standard or treated paper on PET, PVC or glass Line speed: < 40000 bottles / hour Application by roller or fiberization
		TEM 671	Yellow	SBC	450-750	73-83	Standard or grease resistant treated paper on PET or glass For partial labelling: line speed < 40000 bottles / hour Application: Krones or 5000, Sacmi or PE machine Wrap-around labelling: speed < 20000 bottles / hour
	Carbonated drinks	Thermogrip L 471	Yellow	SBC	500-900	87-97	OPP labels on PET, PVC Line speed: 40000 bottles / hour Suitable for Krones or 5000, Sacmi or PE machine

* EVA – ethylene vinyl acetate
APAO – atactic-poly-alpha-olefins
SBC - styrene block copolymers

Labelling: water-based adhesives

	Product	Base	Viscosity at 23°C (mPa.s)	Application temperature	Benefits
Paper on glass	ATOBOND 1030	Modified starch	120 000	25-32	Paper on glass (hot or cold, dry or wet bottles) Suitable for low speed lines (<30 000 b/h) Low consumption
	ATOBOND 1060	Casein + modified starch	90 000	28-34	Paper on glass (hot or cold, dry or wet bottles) Suitable for high speed (up to 80 000 b/h) Low consumption
	ATOBOND 1095-300	Synthetic	95 000	25-35	Paper labels on glass bottles (hot or cold, dry or wet bottles) Speed line up to 60 000 bottles / hour Low consumption
Paper on PE, PP	SUBO DZ 41	Synthetic	12000-18000	20-30	Paper on PE or un-treated PP Excellent adhesion on non-treated PE substrates Difficult labels Suitable for low speed (< 20 000 bottles / hour)
Seam adhesive	Subo CF 25	PVAc	2300	15-30	Seam adhesive for standard paper labels Good initial tack

* PVAc - Polyvinyl acetate



BOSTIK ADHESIVES AND SEALANTS

Bostik is a world leader in adhesives and sealants.



Bostik serves 3 major markets: Consumer, Construction and Industry. Bostik offers a comprehensive range of adhesives for industrial use. Our adhesives meet all requirements and specific needs of this market: high-speed lines, thermal resistance, limited maintenance and cleaning, bonding to difficult substrates, etc. We have a market-leader expertise in the adhesive and sealant technology field, therefore we are able to offer numerous technologies: water-, solvent- or SMP-based adhesives, hot melt, reactive adhesives, polyurethane adhesives, etc.

Bostik serves your every need.