



**ADHESIVES:**

PERMANENT — Hot melt adhesive, with excellent adhesion to polar and non-polar surfaces. With very good die-cutting properties. Adhesive suitable for labels at room temperatures, with good adhesion to Glass, Steel, Polyethylene, Polypropylene, Cellophane, Polyamide and Polyester. NOT RECOMMENDED TO USE FOR RECYCLED CARDBORD. CAN BE USED FOR THE CARDBORD WITH CONTENT OF PULP HIGHER THEN 90%.

EXTRA PERMANENT — Hot melt adhesive, with excellent adhesion to polar and non-polar surfaces. With very good die-cutting properties. Adhesive suitable for labels at low temperatures, with good adhesion to Glass, Steel, Polyethylene, Polypropylene, Cellophane, Polyamide, Polyester and Recycled Cardboard .

FREEZER — Hot melt adhesive, with excellent adhesion to polar and non-polar surfaces. With very good die-cutting properties. Adhesive suitable for labels at low temperatures, with good adhesion to Glass, Steel, Polyethylene, Polypropylene, Cellophane, Polyamide and Polyester. NOT RECOMMENDED TO USE FOR RECYCLED CARDBORD. CAN BE USED FOR THE CARDBORD WITH CONTENT OF PULP HIGHER THEN 90%.

	Test Method	PERMANENT	EXTRA PERMANENT	FREEZER
Loop Tack to PE	FTM 9	9,5	10,4	11
90 degrees peel adhesion to board	FTM2	4	4.2	4
Minimum application temperature C		5	-5	-20
Service temperature C		-10/+60	-20/+60	-40/+60

All properties after 24 h hours. The ingredients of all adhesives meet the compositional requirements of the American Food & Drug Administration regulations 21 CFR 175.105.

