

Technical Information

Tag Marker Ink – LB9.3

General Information

Our tag ink is a form of permanent ink used for marking polyurethane and polystyrene plastic surfaces.

It varies from commonly available permanent inks in that it penetrates the surface it is used on, resulting in a truly permanent, weatherproof and light-fast mark.

It was specially designed for marking tags used to identify cattle and other livestock but is also appropriate for marking polyurethane and polystyrene in any situation that needs protection against water and sunlight.

Available Colours

- Black
- Red

Typical Physical Properties

Ink	Viscosity (20°C) (cP)	Density (20°C) (g.cm ⁻²)	Surface Tension (mNm/m)	pH
Black	9.36	0.91	27	5.6
Red	5.25	0.97	27	5.5

Marker Storage Advice

For optimum performance, markers should ideally be stored capped securely.

Component Selection Advice

Component	Details
Nib	Polyester or acrylic
Barrel	Polypropylene (PP)
Head/Tail Caps	Polypropylene (PP)

Regulations

Tag ink conforms to the requirements of the following;

European Standard Requirements;

- Directive 05/084/EC – European directive stipulating the ban of certain phthalate plasticizers in toys
- RoHS Directive 2002/95/EC – European Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment