

Linerless TCR 80 Phenol free LLP 214 std coat

A bright white woodfree, top-coated thermal paper, with a black imaging thermo-sensitive coating providing excellent resistance to moisture, fat, oil, alcohol, etc. The material is without any Phenols (No added Phenols). The paper has a siliconized surface approved for food contact. This thermal paper has a high sensitivity, making it suitable for thermal print speeds up to 150-250 mm/second, depending on printer settings.

Face Material Properties

Basis weight	74 ± 5 g/m ²	ISO 536
Caliper	74 ± 8 microns	ISO 534
Tensile strength (MD/CD)	>4,5 / >2,6 kN/m	ISO 1924/1

Adhesive

LLP 214 A general purpose permanent adhesive designed for cutters or cutting equipment to prevent residue on the knife and platen roller.

LLP214 has good initial tack and adhesion on a wide variety of substrates, including apolar, slightly rough and curved substrates. Not advised for labelling highly plasticised materials, e.g. flexible PVC

Composition	rubber based hot melt
Minimum Application Temperature	8 °C
Service Temperature	-10 to +70 °C
Food contact	Meets composition requirement of indirect food additives regulation FDA 21-CRF 175.105

Laminate

Laminate Shelf Life	12 months stored at 20°C/50% RH
Typical Laminate Caliper	90 microns ± 10%
Adhesive coat weight (FTM12)	14 g/m ² typical
Release force (FTM4)	30 cN/25 mm typical

Food Packaging Applications: The adhesive raw materials are listed under European/US food packaging regulations (BgVV XIV or FDA 21 175.105) and are safe for use in limited contact with foodstuffs.

Toy and Packaging Regulations: The materials used have been tested and comply with the current heavy metals regulations EN71-3 Safety of Toys and the UK Packaging (Essential Requirements) Regulations 1998.