



UP-LABELS HTF: RELIABLE MARKING OF RUBBER PRODUCTS



UP-Labels HTF is a heat-activated transfer foil designed for precise, economically priced marking of vulcanised tire sidewalls made from natural and synthetic rubber. It is suited for marking parameters such as 1st harmonic, imbalance, conicity and optimising internal production processes. The flexible Hot Foil adapts to the surface structure of various sidewalls, ensuring accurate and reliable marking.

COST-EFFECTIVE PERFORMANCE

Optimised for efficiency and reliability, our HTF delivers high-quality markings at an outstanding price-performance ratio, ensuring economic advantage without compromise.

ROBUST & LONG LASTING

High performance polymers and pigments enable good coverage and opacity while offering outstanding abrasion resistance.

CUSTOMISED

Different tire compositions and tire manufacturing processes require individually tailored products. UP-Labels HTF can be customized to your specific requirements.

HIGH ADHESIVE POWER

Special adhesives tailored to the structure and chemistry of tire sidewalls guarantee maximum adhesion.

ENVIRONMENTAL SUSTAINABILITY

Our products are manufactured exclusively from environmentally friendly raw materials avoiding the use of petrochemical solvents.

FLEXIBLE MARKING OPTIONS

Through the use of custom stamps, our HTF enables the application of various symbols, shapes, and letters, ensuring versatile and precise markings for customer related requirements.



TECHNICAL SPECIFICATIONS

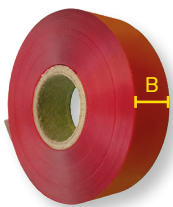
CHOOSE YOUR PRODUCT

EXAMPLES

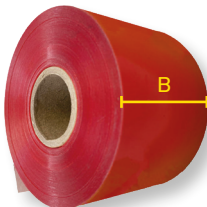


TAPE WIDTHS

- Standard width roll 18/20mm, 50/80mm
- Individual width dimensions available on request.



B: 18/20mm



B: 50/80mm

DELIVERY FORM AND DIMENSIONS

- Running meters 63m/ 65m
- Core diameter 25,4mm
- Roll diameter <72mm

MARKING CAPACITY

- Approx. 4.200 per roll (e.g. 10mm dots)

STANDARD COLOURS

- White similar to RAL 9010
- Red similar to Pantone 1795C
- Yellow similar to Pantone Yellow C
- Green similar to Pantone 3288c
- Individual colours available on request.



Premium Hot Foil (PHF)

Ideal for reliable marking with excellent climate stability and high tape tear resistance. Offers strong performance on plain surfaces and structured areas with good visibility and adhesion.

Superior Hot Foil (SHF)

Optimised for demanding applications, with superior abrasion resistance and enhanced transport safety. Ideal for challenging environments, ensuring durability and reliable marking even under tough conditions.

Application method: Heat transfer printing

Hot Foil Markings can be applied on vulcanized tires after TU/TB measurement by automatic marking machines of various manufactures.

Heat Pin Temp.: 115 °C to 160 °C

Pressure: 100-300 N / cm²

Duration: 0.3 - 1.0 sec

	PHF	SHF	Traditional Hotfoil
Visibility + machine readability on plain areas	● ● ●	● ● ●	● ● ●
Visibility + machine readability on structures and letters	● ●	● ●	●
Adhesion on plain surface areas	● ●	● ●	●
Adhesion on raised structures and letters	● ●	● ●	○
Tolerance towards small residues of mould release	● ●	● ●	○
Abrasion/rubbing resistance	● ●	● ● ●	○
Transport safety (conveyor belts, tire stacking)	● ●	● ● ●	○
Application fault tolerance	●	● ●	●
Climate stability in hot humid regions	● ● ●	● ●	●
Tape tear resistance	● ●	● ●	○
Recommended for OE tires	● ●	● ●	○

○ critical ● acceptable ● ● ok ● ● ● good ● ● ● ● excellent

