

Product Data Sheet

Met-Tech 01

v1.0: 2025/07/14

Product Description

Met-Tech 01 tags have the advantage of good manual writeability on the paper face with a waterproof barrier on the reverse, providing a good degree of moisture and steam resistance. Met-Tech 01 tags exhibit good heat resistance of between 80°C - 100°C (with short bursts at 60°C) and can be printed on by thermal transfer printers or simply hand-written.

A wide range of colours are available to choose from.

Met-Tech 01 can be pre-printed with company logos and/or simple text fields, e.g. weight, batch code or use by date.



Chemical/Oil
Resistant



Dirt/Debris
Resistant



Temperature
Resistant



Tear
Resistant



Weather
Resistant



Barcode/QR
Readable

Suitable Applications

Food processing industry. Other industries where metal detectability is required. Application of inks and varnishes will change any food contact status - speak to us for further details.

Independent user testing is a must to ensure the product is suitable for specific applications.

Product Properties

Weather Resistance	●●○○○
Barcode Reception	●●●●●
Chemical/Oil Resistance	●●●○○
Dimensional Stability	●●●○○
UV Stability	●●●●●
Scratch Resistance	●●●●○
Tear Resistance	●●●○○

Not Suitable



Very Limited



Limited



Chemical Resistance

Water	●●○○○
Oil Mixture	●○○○○
Isopropanol	●○○○○
Acetone	●●○○○
Gasoline 60/95	●●●○○
Sulphuric Acid 30%	●○○○○
Sodium Hydroxide Solution 10%	●●○○○

Good



High



Excellent



Product Composition

Film thickness: 183µm +/-10%

Recyclability

Not yet recycled

Temperature Range

80°C to 100°C (short bursts at 160°C)

Printability

Thermal Transfer Printers

Storage Conditions & Shelf Life

Store in original packaging, away from direct sunlight. Store at temperatures of 21°C (+/-2°C) and at 50% (+/-5%) relative humidity. Repack partly used products in their original packaging. Rotate stock and use the oldest product first.

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