

Product Data Sheet

Met-Tech 07

v1.0: 2025/07/14

Product Description

Met-Tech 07 is a metal detectable label and tag material widely used in the food production industries, providing vital traceability. The unique metal detectability of the material allows for batch isolation should any part of the label contaminate food. Suitable for hand writing as well as variable information printing through a wide variety of printers with either wax or hybrid ribbon combinations.

Met-Tech 07 has the advantage of having FDA approval in its unprinted form for direct/indirect food contact, as well as having EC food contact approvals 1935/2004, 10/2011 and 2023/2006 (comprehensive food contact statement on request). With excellent temperature resistance up to 250°C (up to 15 minutes), this tag material is a good choice for food processing applications.



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: 190µm +/-10%

Recyclability

Mixed Recycling



Temperature Range

Up to 250°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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