


DOCUMENT NUMBER: FM-000-0004-48	TITLE: Form - Product Change Notice	
REVISION: H DCO# DC0005391	DOCUMENT CLASSIFICATION: 04-Forms, Templates or Other	

PCN Number: PCN387162-0001 Revision: B Creation Date: 25 Apr 2023

This Product Change Notice supersedes the following documents:

N/A

Description and Reason for Change:

We are writing to inform you of changes to our 'Pierce Heat Seal Strong' heat sealing material and subsequent consumables.

Unfortunately, due to a sudden raw material discontinuation we are forced to make product changes to ensure security for future availability. Whilst unforeseen, the suggested amendments have been made to best retain properties and characteristics of the preceding material.

The material change will be effective immediately, any new orders will be delivered in the updated material outlined below. Sample material(s) can be requested to support evaluations and transition.

Impact of Change:

Key Changes:


- Thicker Aluminum layer; from 25 µm to 30 µm.
- Increased weight from 85.5 g/m² to 86 g/m².

Key Similarities:

- Seal is fully pierceable.
- Sealable against Polypropylene / COC
 - o 100% sealing success in evaluations when using recommended parameters [\(DR115556\)](#)*.
- Good chemical resistance to solvents (including DMSO).
- Seal integrity min/max remain unchanged. -20 °C to +120 °C.
- Product codes remain unchanged. Items will continue to be available in all currently offered formats.

**Recommended parameters found in our [heat-sealing compatibility table](#). It is of customer's responsibility to approve the material for its particular use and parameters.*

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Affected Part Numbers:


Product Code	Description
4ti-0538	Pierce Heat Seal Strong, strong heat-sealing foil, 1 roll (610m x 78mm)
4ti-0538-SLR	Pierce Heat Seal Strong, strong heat-sealing foil, 1 short length roll (minimum 203m x 78mm)
4ti-0538/S	Pierce Heat Seal Strong, strong heat-sealing foil, 1 sample roll (5m x 78mm)
4ti-05381	Pierce Heat Seal Strong, strong heat-sealing foil, 100 sheets (125 x 78mm) per case
4ti-05381/RA	Individual Access Pierce Heat Seal Strong, strong heat-sealing foil, 96 individual seals in sheet format, 100 sheets (127 x 100mm) per case
4ti-0539	Pierce Heat Seal Strong, strong heat-sealing foil, 1 roll (500m x 115mm)
4ti-0539/S	Pierce Heat Seal Strong, strong heat-sealing foil, 1 sample roll (5m x 115mm)
4ti-0539/RA	Individual Access Pierce Heat Seal Strong, strong heat-sealing foil, 96 individual seals in roll format, 1 roll (420m x 100mm)

Custom product codes, or 'SP-' codes using the above part numbers as a base material will also be impacted by this change.

Replacement/Alternative Part Numbers

N/A

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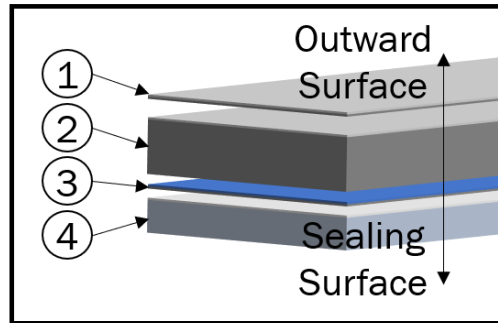
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Specification of alternative products

Please see below summary outlining the core material changes:

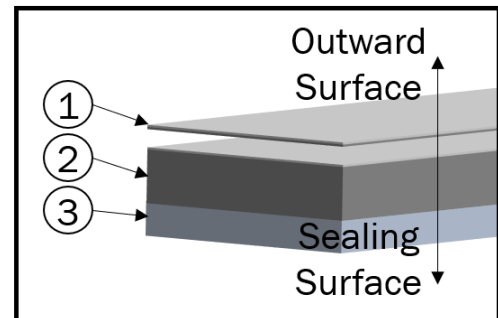
Current Pierce Heat Seal Strong

Components		Thickness (µm)		Weight (g/m ²)	
1	Print primer/lacquer	-	-	1.0	± 0.4
2	Aluminium	25	± 2.0	67.5	± 5.4
3	Adhesive	-	-	1.80	± 0.6
4	Polypropylene-Film	15	± 1.5	13.5	± 1.4
Total		43	± 4	83.8	± 8.4



New Pierce Heat Seal Strong

Components		Thickness (µm)		Weight (g/m ²)	
1	Print primer/lacquer	-	-	1.5	± 1
2	Aluminium	30	± 8%	81	± 8%
3	Polypropylene	8	-	3.5	± 1
Total		38	± 8%	86	± 10%



Recommended Action:

We will commence implementation of the material change immediately from date of product change notification. If product is required for evaluation and review, please contact your local account manager/representative.


Timeframe for Implementation:

Change is effective immediately.

Appendix:

Not Applicable.

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Further contact information can be found at <https://www.azenta.com/contact-us>

1 RECORD RETENTION

For Control and Retention of Quality Records, see QMS101517

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