



**HIGH TEMP
SOLUTIONS**

Polyimide
 Hot Steel 150-250°C
 Printed Circuit board
 Labels
TAG'S
 398°C
 Aluminium
 Cold Steel Tag 450-550°C

Silicone adhesives

FLEXcon's THERMLfilm® HT™ HIGH TEMPERATURE PRODUCTS TO HANDLE THE HEAT

HEAT STABILISED PET

FLEXcon's heat stabilised polyesters are designed for paint masking applications. The **PAINTMASK Light Peel** & **Ultra Light Peel** adhesives are developed to remain removable from polyester base labels, even after high temperatures (up to 220°C).

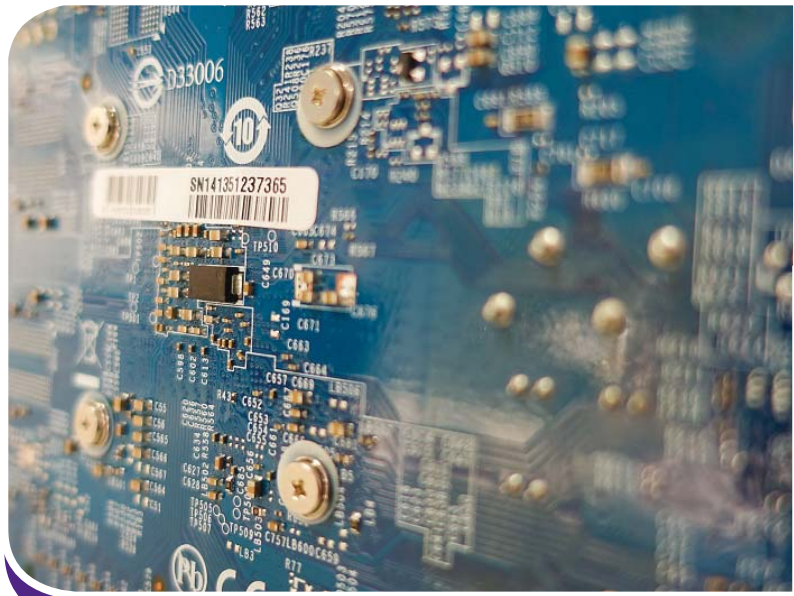
POLYIMIDE

THERMLfilm® HT™ PI1 & PI2 are an advanced line of polyimide, designed to withstand the fluctuating temperatures (up to 400°C), abrasion and chemicals inherent in a variety of manufacturing processes.

Polyimide with FLEXcon® SA1000 adhesive, (high temperature removable adhesive) is used as a temporary barrier protection in pc board production (reflow process) - removable thereafter.

TAGS

THERMLfilm® HT™ 800 W TC-716 No PS high temp paper offers a good tear resistance.



APPLICATIONS:

- PRINTED CIRCUIT BOARD LABELLING & MASKING
- COMPLIANCE INFORMATION
- CABLE & WIRE LABELLING + INSULATION
- COMPONENT TRACKING BARCODES

MARKET SEGMENTS:

- AUTOMOTIVE, AEROSPACE & HEAVY EQUIPMENT
 - Underhood & Interiors
- CONSUMER DURABLES
 - Appliances & Consumer Electronics
 - Power Tools & Outdoor Power Equipment
- INDUSTRIAL EQUIPMENT



If you would like to explore more product options, please visit our European Product Finder on: <https://www.flexcon.com/european-product-finder>

DEVELOPMENTAL PRODUCTS FOR STEEL LABELLING

LABELS

FLEXcon is continuously challenged to provide solutions for extreme conditions. Available in 50µ and 100µ, THERMLfilm® UHT™ 5000 and THERMLfilm® UHT™ 10000 are our latest developmental aluminium labels designed for hot steel labelling. Unlike most aluminium labels, the THERMLfilm® UHT™ range can be applied at temperatures over 600°C, allowing labelling earlier in the process, thus minimising the risk of misidentification and loss. For lower temperatures, THERMLfilm® HT™ PI 200 W TC-390 V-778 55W GL-DF 9/8 polyimide provides temperature resistance (up to 320°C) and the high coatweight of adhesive ensures it adheres to rough raw steel. When reheated, the label is designed to disintegrate at high temperatures.



TAGS

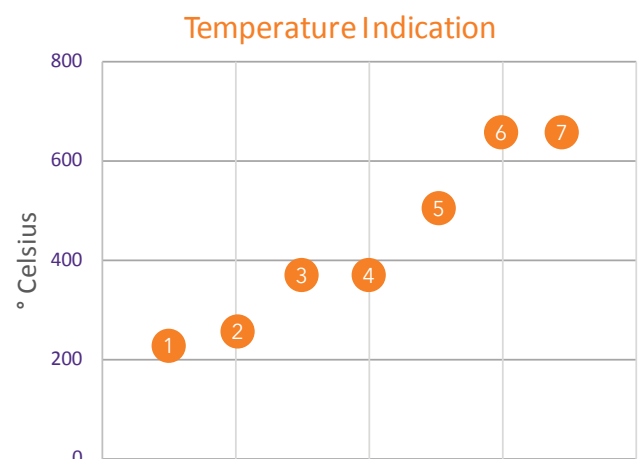
FLEXcon provide multiple solutions for tag labelling. THERMLfilm® HT™ PI 540 W TC-145 NO PS a one or two side printable polyimide and THERMLfilm® HT™ 800 W TC-716 No PS high temp paper. Both offer good tear resistance. We can also offer the THERMLfilm® UHT™ 5000 product without adhesive.

FEATURES & BENEFITS

- TTR printable - printer and ribbon recommendations on request
- For cold steel, raw steel, cooling steel and hot steel environments
- Label earlier in the process minimises risk of misidentification
- For steel slabs, beams, bars, ingots, rods, blooms and billets
- Label and tag stocks
- From 320° C to over 600° C
- Scratch resistant
- Weatherable/outdoor use
- Can be applied at high temperatures

WHERE THE DEVELOPMENTAL HIGH TEMP PRODUCTS WILL FIT IN OUR RANGE

	LABEL	TAG
• PAINTMASK Overlam - V-866LP / V-866ULP	1	
• THERMLfilm® HT™ 800 W TC-716 High Temp Tag		2
• THERMLfilm® HT™ PI1W50G & PI2W50G	3	
• THERMLfilm® HT™ PI 200 W TC-390 V-778 55W GL-DF 9/8	4	
• THERMLfilm® HT™ PI 540 W TC-145 no PS		5
• THERMLfilm® UHT™ 5000 (+ no PS)	6	6
• THERMLfilm® UHT™ 10000		7





Let's Talk Solutions

FLEXcon Europe stocks a wide range of standard products, available in Quick-Ship for fast delivery. Allow us to customise a solution by precisely fine tuning our products to match your needs together with our technical experts.

If you would like to explore more product options, please visit our European Product Finder on:
<https://www.flexcon.com/european-product-finder>

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