

EuroAssist™

ULTRA HIGH-TEMP

EuroAssist Ultra High-Temp products are designed to withstand temperatures up to 750°F.

PROCESS PARAMETERS

	EuroFilm UHT100
Temperature	≤ 400°C (752°F)
Pressure	100 - 500 N/cm ² (10 - 50 bar)

	EuroPads UHT40
Temperature	≤ 400°C (752°F)
Pressure	100 - 400 N/cm ² (10 - 40 bar)

EuroFilm UHT100

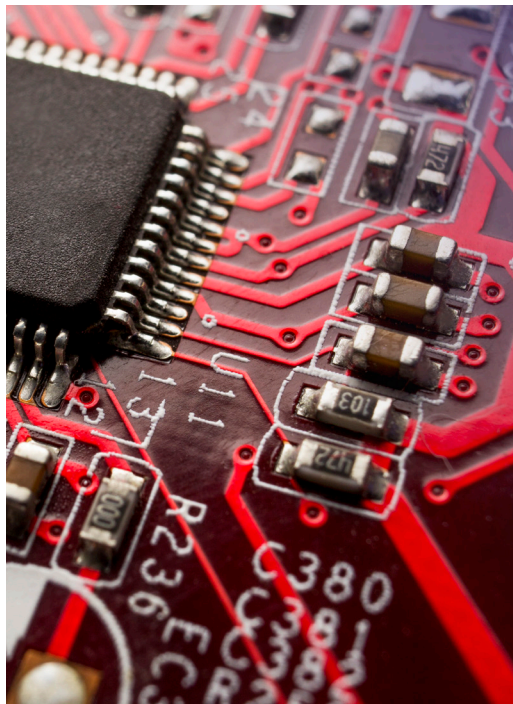
PCB LAMINATION RELEASE FILM

EuroFilm UHT100 is a high-quality Polyimide-based film, and can be used as a Release Film when manufacturing Printed Circuit Boards at elevated temperatures.

EuroPads UHT40

PCB LAMINATION PRESS PAD

EuroPads UHT40 is a grey Press Pad that can withstand elevated temperatures up to 750°F. Typical uses include PTFE and CE lamination cycles. It is also approved and recommended for use with 100% Polyimide Bond-Ply High Temperature Flex Laminations.



MATERIAL PROPERTIES

	EuroFilm UHT100	EuroPads UHT40
Thickness	.0010 inch (25 μm)	.032 inch (0.81 mm)
Density	1.42 g/cm ³	0.86 g/cm ³
Surface Weight	39 g/m ²	749 g/m ²
Tensile Strength	230 N/mm ²	> 4.0 MPa
Elongation	70%	N/A
Shrinkage @ 150°C	0.17%	N/A
Color	Translucent Gold	Grey
Anti-adhesive Properties	Both Sides	N/A
Ignition Loss (1h @ 800°C)	N/A	35%

STORAGE & HANDLING

	EuroFilm UHT100	EuroPads UHT40
Temperature	15-25°C (59-77 °F)	
Humidity	40-60%	45-60%
Storage	Keep flat in original packaging until usage.	

AVAILABILITY

Both EuroFilm UHT100 and EuroPads UHT40 can be cut to any dimension. Our master roll width is 1500 mm, therefore, please consider yield. We can also punch tooling holes to any configuration.