Flame Retardant

Enhance your workwear with Thermopatch's reliable, flame-retardant solutions designed for maximum protection and durability.

Ready FR & ReadyPly FR
Specially developed by Thermopatch, Ready FR and ReadyPly FR emblems are heat-resistant and ideal for application on flame-retardant workwear. ReadyPly FR features a self-adhesive layer for easier positioning and both options are customizable in nearly any shape or color, fully compliant with EN 469 standards. For more information about Ready products, click **here**.

Truflex FR
Truflex FR is a flame-retardant version of our popular Truflex transfer, offering enhanced safety with an adapted adhesive and production process. Independently tested and certified, it withstands washing up to 60 °C and supports detailed, high-visibility designs in almost any PMS color. Available in minimum orders of 25 pieces. For more information about Truflex products, click **here**.

See the blue 'Certificates' tab on this page for testing reports with more than ten different types of textiles.

Textra FR
Textra FR is the trusted choice for organizations looking to apply a flame-retardant, high-quality, and visually strong print to workwear. This specially developed transfer meets the strict requirements for safety clothing without compromising on appearance or detail. With Textra FR, you are assured of a durable transfer solution that can withstand tough working conditions and adheres perfectly to technical textiles. The full-color print delivers deep colors and sharp lines, ensuring safety and professionalism go hand in hand. For more information about Textra products, click **here**.

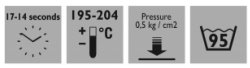
HiQ FR
HiQ FR is the go-to choice for workwear where flame-retardant properties are crucial. Meeting strict ISO standards (EN ISO 11611: 2015 and EN ISO 11612: 2015), this variant is available as continuous tape rolls or die-cut labels, ensuring high performance in demanding conditions. For more information about HiQ products, click **here**.

TZ-FR labels
Thermopatch's TZ-FR labels are the first UL-recognized, fire-retardant thermal labels you can print directly in your own facility. As the only printable thermal label that meets four NFPA standards – 1971, 1975, 1977 and 1951 – TZ-FR delivers unmatched safety and flexibility. These non-adhesive labels are designed to be sewn onto garments or textiles and can be printed one at a time or in high-volume runs. Customize every label as needed, from barcodes and serial numbers to fully variable layouts. TZ-FR labels print clearly with red or black thermal ink, giving you durable, compliant identification on demand. For more information about TZ-FR labels, click **here**.

Reflective Tape

Enhance visibility and safety in low-light conditions with Thermopatch's reflective tape. Available in two sizes, our reflective, flame-retardant tape meets the needs of workwear requiring added protection and visibility. For more information about Reflective tape, click **here**.

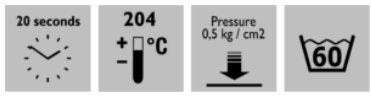
Plotter Transfers FR
Thermopatch's plotter transfers, produced in silver, are ideal for low-visibility work environments. These reflective, flame-retardant transfers comply with EN ISO 20471 standards and are perfect for uniforms needing extra safety measures. For more information about Reflective emblems and Plotter transfers, click **here**.

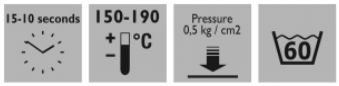
Ready FR	
ReadyPly FR	

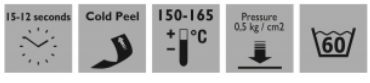
For more detailed press instructions for Ready and ReadyPly FR on various fabrics, click here.

Truflex FR	

For more detailed press instructions for Truflex on various fabrics, click here.

HiQ-FR	

Reflective tape	

Plotter transfers FR	

Scroll down for other FR-products.

Ready FR emblems (up to 95 °C laundry wash)			
Type of fabric	**Temp. °C**	**Pressing time in sec.**	**Pressure in Bar Low/Medium/High**

Fleece, 100% Polyester	–	–	–
Polyurethane or PVC coated polyester (rainwear), cover with baking paper	–	–	–
Knitted fabrics, 100% polyester, viscose, acrylic (Sportswear, light workwear)	–	–	–
Knitted fabrics, 100% wool, cotton (Sportswear, light workwear)	185 – 195	15	4-5 (Medium/High)
Knitted fabrics, cotton or polyester with elastane 98%/2%	–	–	–
Flame-retardant cotton or polyester cotton (FR treated, Proban®)	185 – 195	15	4-6 (Medium/High)
Cotton/polyamide 55%/45%	Preheat 195	10 15	4-6 (Medium/High)
Cotton/polyester 65%/35% or 60%/40% (with DWR finish)*	195	15	4-6 (Medium/High)
Aramid/Viscose 50%/50%	185	15	4-6 (Medium/High)
Linen, 100%	195	15	4-6 (Medium/High)
Aramid (Nomex III), 100%	185	15	4-6 (Medium/High)
Polyamide (Nylon), 100% (with DWR finish)*	185	15	4-6 (Medium/High)
Polyester 100% (with DWR finish)*	185	15	4-6 (Medium/High)

Polyester Cleanroom material anti-static 99%/1%	–	–	–

ReadyPly FR emblems (up to 95 °C laundry wash)			
Type of fabric	**Temp. °C**	**Pressing time in sec.**	**Pressure in Bar Low/Medium/High**
Fleece, 100% Polyester	–	–	–
Polyurethane or PVC coated polyester (rainwear), cover with baking paper	–	–	–
Knitted fabrics, 100% polyester, viscose, acrylic (Sportswear, light workwear)	–	–	–
Knitted fabrics, 100% wool, cotton (Sportswear, light workwear)	185 – 195	15	4-5 (Medium/High)
Knitted fabrics, cotton or polyester with elastane 98%/2%	–	–	–
Flame-retardant cotton or polyester cotton (FR treated, Proban®)	185 – 195	15	4-6 (Medium/High)
Cotton/polyamide 55%/45%	Preheat 195	10 15	4-6 (Medium/High)
Cotton/polyester 65%/35% or 60%/40% (with DWR finish)*	195	15	4-6 (Medium/High)
Aramid/Viscose 50%/50%	185	15	4-6 (Medium/High)

Linen, 100%	195	15	4-6 (Medium/High)
Aramid (Nomex III), 100%	185	15	4-6 (Medium/High)
Polyamide (Nylon), 100% (with DWR finish)*	–	–	–
Polyester 100% (with DWR finish)*	–	–	–
Polyester Cleanroom material anti-static 99%/1%	–	–	–

**DWR finish: Durable Water Repellent finish, meaning a water (dirt, oil) repellent coating on textiles based on silicone, nanotechnology, wax, and fluorocarbon.*
FR: Flame Retardant

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