

HiQ tape/Hytex

HiQ tape is specially designed for the Thermopatch range of HiQ thermal transfer label printers. It is available in a variety of formats and sizes; as either continuous tape rolls or as die-cut labels. The various products from the HiQ series are mainly used for branding workwear.

On request, HiQ can be pre-printed with a logo or border. This allows for various applications, such as the creation of name tags for the breast pocket of workwear garments.

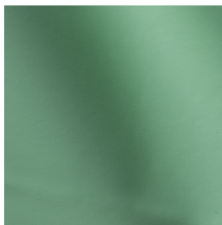
Several types of HiQ tape are available:

HiQ

HiQ tape is strong and flexible, and can be pre-printed with a logo, border, or text in any colour combination. The tape is available pre-cut in various widths and sizes. Supplied in combination with Thermopatch's HiQ ink ribbons, this guarantees the best print quality.

HiQ tape is suited for autoclave treatments on most textiles. Fabrics with repellent coatings combined with HiQ labels need to be tested in autoclave circumstances and be confirmed for use on these fabrics.

HiQ tape is available in the following colours:



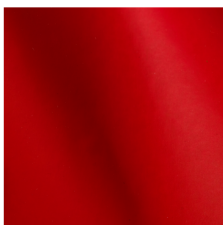
04 - Mint green



05 - Yellow



09 - Green



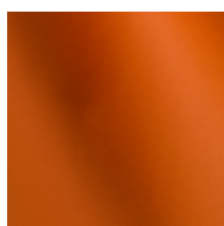
10 - Red



18 - High Visibility Yellow



22 - Blue



26 - Orange



33 - Pink

Shown colours may be different from the actual colors.

Hytex

Thermopatch also offers a variant of the successful HiQ tape: Hytex. A Hytex label is actually HiQ tape, but with a self-adhesive layer. This additional layer makes the positioning of a label easier, by

keeping the label in place during the sealing process. Hytex is also resistant to intensive washing processes.

HiQ FR

HiQ FR is the right choice for workwear where flame-retardant properties are essential. This variant has the same properties as HiQ tape, but also meets the strict ISO standards EN ISO 11611: 2015 and EN ISO 11612: 2015. HiQ FR is available as either continuous tape rolls or die-cut labels.

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.

HiQ-Clean

Tape from this line has a specific thermoplastic adhesive layer that makes it possible to attach it to ‘microfiber polyester’ fabrics and similar synthetic fabrics. This includes specialist workwear in cleanrooms or the micro-electronics, pharmaceutical, and nuclear industries. Fabrics with repellant coatings combined with HiQ-clean labels need to be tested in and be confirmed for use on these fabrics. HIQ-clean is not autoclave resistant.

HiQ-Clean is available as either continuous or die-cut tape with the same dimensions as other products from the HiQ series.

All variations of HiQ media are certified to the Oeko-Tex Standard 100. However, the product cannot be ironed. If you require calender-resistant labels, CombiteX is the ideal option.

HiQ-tape/Hytex					
HiQ-Clean					
HiQ-FR					

HiQ-tape/Hytex is compliant with Oekotex 100, class II under certificate 1012046 Centexbel.

Available media for HiQ, HiQ-FR and HiQ-Clean

Colors HiQ: white, yellow, orange, red, pink, blue, green, high visibility yellow and mint green.
HiQ FR and HiQ-Clean are only available in white.

Inks

A black ink ribbon is supplied as standard in a boxed set.
Ink is also available in red, green, and blue.

Physical properties

- Wash resistant up to 95 °C industrial laundry washing
- High heat-sealing temperatures
- Suitable for all textile which allows the thermoplastic adhesive to penetrate and bind itself to it and which is resistant to the advised heat seal application temperatures.

HiQ

- Thermal transfer printable top layer
- Polyester cotton textile
- Thermoplastic adhesive

HiQ tape

Article code	Width	Core
HiQ30	30 mm	50 mm
HiQ35	35 mm	50 mm
HiQ40	40 mm	50 mm
HiQ50	50 mm	50 mm
HiQ60	60 mm	50 mm
HiQ70	70 mm	50 mm
HiQ80	80 mm	50 mm
HiQ90	90 mm	50 mm

Other sizes available upon request.

HiQ die-cut tape

Article code	Width	Core
HIQDC 4116	41 x 14,4 mm	50 mm
HIQDC 4619	46 x 19 mm	50 mm
HIQDC 6312	63 x 12,7 mm	76 mm
HIQDC 7038	70 x 38 mm	76 mm
HIQDC 7625	76 x 25 mm	76 mm
HIQDC 8019	80 x 19 mm	76 mm
HIQDC 8030	80 x 30 mm	76 mm
HIQDC 9025	90 x 25 mm	76 mm
HIQDC 9038	90 x 38 mm	76 mm
HIQDC 9050	90 x 50 mm	76 mm

Other sizes available upon request.

Hytex

- Thermal transfer printable top layer
- Polyester cotton textile
- Thermoplastic adhesive
- Pressure sensitive adhesive
- Carrier paper

Article code	Width	Core
HYTEX 4114	41 x 14,4 mm	50 mm
HYTEX 5319	53 x 19 mm	50 mm
HYTEX 6312	63 x 12,7 mm	76 mm
HYTEX 8414	84 x 14,4 mm	76 mm

HYTEX 8423	84 x 23,4 mm	76 mm
HYTEX 8436	84 x 36,1 mm	76 mm
HYTEX 8448	84 x 48,4 mm	76 mm
HYTEX 9048	90 x 48,4 mm	76 mm

Other sizes available upon request.

HiQ Clean

Wash resistant up to 60 °C industrial laundry washing. Suitable for all textile which allows the thermoplastic adhesive to penetrate and bind itself to it and which is resistant to the advised heat seal application temperatures.

Physical properties

- Thermal transfer printable top layer
- Polyester textile
- Thermoplastic adhesive

Handling and storage

Keep away from oxidizing agents, from strongly alkaline en strongly acid materials.

Store out of direct sunlight, in a cool and dry place.

Shelf life: estimated more than 2 years under mentioned conditions.

Precautions

No specific safety measures are required when working with this product. We advise always to ventilate well at heat-sealing activities, since vapours may occur from any material such as textiles being processed.

Article code	Width	Core
HiQ30-CLEAN	30 mm	50 mm
HiQ40-CLEAN	40 mm	50 mm
HiQ50-CLEAN	50 mm	50 mm
HiQ60-CLEAN	60 mm	50 mm

HiQ70-CLEAN	70 mm	50 mm
HiQ80-CLEAN	80 mm	50 mm
HiQ90-CLEAN	90 mm	50 mm

Other sizes available upon request.

All HiQ media is supplied as a boxed set containing the following: 2 x 50 meter long rolls of label tape, 1 x 104 meter long ink ribbon, and a cleaning pad for cleaning the printhead when replacing the ink ribbon.