

The Elegant Answer to Extreme Climates: Deconstructing Tricot Warp- Knit Shirting *by UTC Marketing*

*Why performance fabric is becoming the
defining feature of next season's collections*

Extreme Weather Is Reshaping Customer Expectations

In the summer of 2026, European heatwaves have once again broken records, leaving many cities where air conditioning remains scarce struggling with stifling heat. Taiwan's summers, marked by the double challenge of high temperature and high humidity, are similarly pushing consumers to demand more from their shirting fabrics. For brands, choosing the right fabric is no longer solely about comfort — it directly affects customer satisfaction and repeat purchase rates, which is precisely why we continue to invest in Tricot warp-knit technology.

What Is Tricot Warp Knitting? A Technical Overview

To understand Tricot's advantages, one must first understand its knitting structure. Traditional knitting works with a single yarn travelling horizontally (weft knitting), whereas warp knitting involves countless yarns looping and interlocking vertically all at once. This creates a distinctive, vertically locked structure with two key properties:

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Fabric Type ^{1,2}	Structural Characteristics ³	Breathability & Convection ³	Thermal Regulation ³
Tricot Warp Knit (Ideal for functional business wear) ^{4,2}	Multi-yarn vertical looping with countless directional micropores ^{4,2}	Exceptional. The natural gaps of a knit combined with warp alignment generate highly efficient air convection ^{4,2}	Dynamic: wicks sweat and dissipates heat in summer; acts as an insulating base layer in winter — suited to year-round wear ^{4,2}
Piqué Knit (Commonly found in polo shirts) ^{4,2}	Horizontal mesh structure, slightly heavier texture ^{4,2}	Moderate to high. Breathable, but the looser yarn structure tends to feel heavy once saturated with sweat, and lacks a formal finish ^{4,2}	Single-season cooling: suited to casual wear, but lacks wind resistance or refined temperature control ^{4,2}
Woven Fabric (Traditional dress shirting) ^{4,2}	Interlocking warp and weft threads, dense structure ^{4,2}	Low. Tightly packed yarns obstruct airflow, easily leading to a stifling sensation in subtropical summers ^{4,2}	Extreme performance: effective against wind and cold, but ill-suited to subtropical summers — better adapted to dry climates ^{4,2}

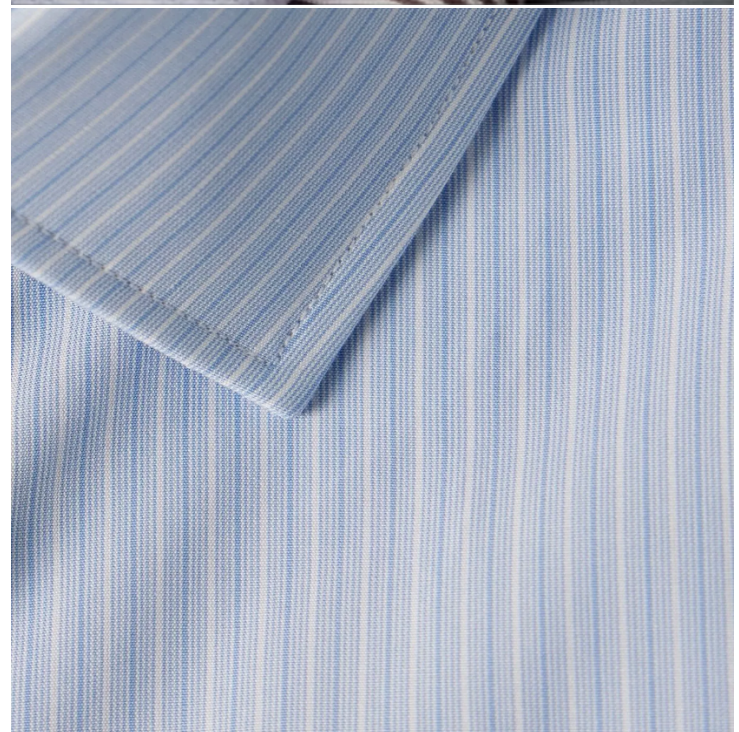
- **Superior stability:** the tightly interlocked yarns mean that, unlike a standard jumper, the fabric will not unravel from a single snag — offering outstanding durability.
- **Advanced craftsmanship:** warp knitting requires highly precise machinery, historically reserved for premium garments and specialist military, police or sportswear textiles — a meaningful technical barrier to entry.

The Fabric Showdown

To tackle the scorching summer, we compare Tricot Warp Knit with Piqué Knit (standard polo shirt fabric) and Woven Fabric (traditional business shirting):

Why Tricot Warp Knit Deserves a Place in Your Next Collection

- **Tailored silhouette meets true stretch:** combining the crisp, structured look of a woven fabric with the four-way stretch of a knit, satisfying customers' demand for both formality and comfort.
- **Flexible gauge options for different product tiers:** a high-gauge construction offers a refined, opaque, wind-resistant finish suited to formal and air-conditioned settings, while a low-gauge construction maximises breathability for outdoor performance styles — allowing your brand to extend a single base fabric across multiple price points.
- **Easy-care properties that reduce after-sales complaints:** natural wrinkle resistance, durability and rapid drying all help minimise customer frustration around ironing and care, lowering return and complaint rates.
- **Year-round versatility that extends product application:** through simple layering, the same fabric can support four-season ranges,



improving inventory turnover and development flexibility.

Seasonal Application Guide

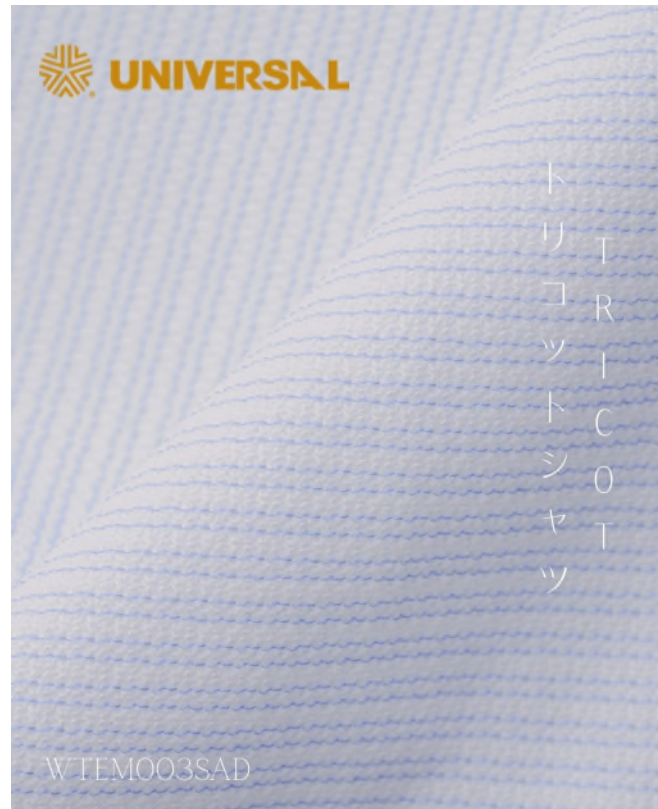
- **Spring / Autumn:** high-gauge Tricot worn alone comfortably manages day-night temperature swings.
- **Summer:** low-gauge Tricot delivers all-day cooling, ideal for subtropical humidity.
- **Winter:** Tricot layered beneath wool knitwear creates a “sandwich” insulation effect, balancing warmth and breathability.

As extreme weather becomes the new normal, Tricot warp knit represents more than a fabric choice — it reflects a brand's genuine commitment to customer experience in product development. Should you wish to learn more about specifications, colourways or sample requests, please do get in touch with our sales team; we would be delighted to offer dedicated technical consultation and sampling support. Thank you once again for your continued support. We look forward to partnering with you to create an even more elegant and functional collection next season.

Universal Textile Tricot Shirting Top 3 Picks

1. **WTEM003 – Fine Stripe White and Sky blue** 119 GSM 59" 100% Polyester
2. **WTEM006 – Wide Stripe Blue and White** 180GSM 58" 83%Polyester 17%CD
3. **WTEMP07 – Brown and White Pin Stripe** 130GSM 60" 100% Polyester

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Weaving a Sustainable Future — Join Us

by UTC Marketing

After two years of dedicated preparation – encompassing extensive field research, in-depth interviews, and exhibitions held in Tokyo and Osaka last year – **Universal Textile ESG Development / Taiwan Zhi Yun Sustainable Development Association** is delighted to share an important milestone with you.

At the end of August, our **Atayal Weaving Base** in Nan'ao Township will officially commence operations. This marks the culmination of years of groundwork dedicated to preserving traditional textile craftsmanship whilst fostering sustainable development in the local community.

We are equally pleased to announce that, as of the 17th of this month, our official **website and blog** have gone live – available in Traditional Chinese, English, and Japanese.

We warmly invite anyone interested in supporting our mission to become a member. Annual membership costs just **NT\$200**, and every contribution is channelled directly into creating local employment opportunities at the Nan'ao Weaving Maidens Base, and into expanding the vocational courses that equip young people in remote communities with valuable, lasting skills.

Subscribe to our blog to find out more:

tminunutux.wordpress.com



Crafting sustainability, thread by thread.



持続可能な未来を織りなす ぜひ ご参加ください by UTC Marketing

2年にわたる準備期間を経て現地でのフィールドワークやインタビューを重ね、昨年は東京および大阪での展示会を開催してまいりました-Universal Textile ESG x 台湾織韻永續發展協会 (Taiwan Zhi Yun Sustainable Development Association) は、このたび大切な節目をご報告できることを大変嬉しく思います。

8月末、台湾南澳郷 (ナンアオ郷) の「織女基地」がよいよ正式に運営を開始いたします。これは、伝統的な織物文化の継承と地域の持続可能な発展を目指し、長年積み重ねてきた取り組みの集大成です。

また、今月17日には協会の公式ウェブサイトおよびブログが正式に開設されたこともあわせてお知らせいたします。中国語・英語・日本語の三か国語でご覧いただけます。

私たちの活動にご賛同いただける方は、ぜひ会員としてご参加ください。年会費はわずか NT\$200 です。いただいた会費は、南澳の織女基地における地元雇用の支援と、へき地の若者たちが手に職をつけられるよう、より充実した講座の提供に活用させていただきます。

詳しくはブログをご購読ください：

tminunutux.wordpress.com

共に、持続可能な未来を織りなしていきましょう。

