

CONDUCTIVE FABRIC SERIES VOL.1



회사소개

고객 여러분, 안녕하십니까. 변함없는 관심과 성원으로 광일섬유의 30년 여정을 함께 해주신 고객 여러분께 진심으로 감사드립니다. 저희 광일섬유는 1984년에 창업해 30년간 트리코트 직물만을 생산해온 우량 중견 기업으로서 기술력과 신뢰를 바탕으로 고객과 함께 성장해 왔습니다. 광일섬유는 경기도 양주시 입암리 65-2에 위치하여 있으며 깔끔한 주위 환경의 6,000여평 대지 위에 들어서 있습니다. 지난 1984년 편직기 10대와 정경기 3대로 창업한 후 6차례의 공장 증설을 통해 우량기업으로 성장하고 있습니다. 2001년 6월에는 경기도 중소 우량 업체로 선정되었으며 2003년 11월 한국 표준 협회로부터 IS 9001:2000 / KSA 9001:2001 인증을 획득하여 업계 최고의 기업으로 도약하기 위한 단단한 발판을 마련했습니다. 이러한 품질 및 설비 우위를 통해 우수한 경쟁력을 확보함으로써 업계 최정상 of 자리를 지켜왔으며 광일섬유는 글로벌 시대의 흐름에 맞게 신기술을 발굴하여 새로운 미래 성장동력을 개발하고 세계 시장을 선도하기 위해 부단한 노력과 투자를 지속하고 있습니다. 광일섬유는 급변하는 섬유시장에서 보다 경쟁력 있는 제품을 생산, 공급하여 왔으며 치열한 품질 경쟁에서 앞서가기 위하여 첨단 설비 시설을 완비하여 불량률 제로에 도전하고 있습니다. 또한 광일섬유 전 사원은 고객의 눈높이에서 제품을 평가하고 점검하며, 고객만족을 넘어선 고객감동의 제품을 생산, 판매하여 고객의 감동이 저희들의 만족임을 인식, 고객의 생각과 고객의 요구를 함께 공유할 수 있는 기업이 되고자 노력하고 있습니다. 지금 세계 섬유 업계는 무한 경쟁시대에 접어들었습니다. 이에 광일섬유는 끊임없는 신기술 개발과 고객 감동 실천을 통해 좀더 가까이 고객의 옆에 다가설 수 있는 기업이 되기 위해 노력하고 있습니다. 앞으로도 안정된 기반과 최고의 기술력을 통대로 업계를 리드하는 업체로서의 위상을 굳건히 지켜 나가겠습니다. 고객의 행복, 고객의 꿈을 실현하고, 고객의 만족을 추구하기 위해 새로운 제품 개발 및 고품질 경영혁신으로 늘 고객과 함께 언제나 노력하겠습니다. 선도 기업 광일, 기대하셔도 좋습니다.



Company introduction

About us

In 1984, Kwangil Textile Co. was founded with ten tricot machines and three direct warping machines. Since then Kwangil Textile Co. has been developed with our value customers and partners by supplying the best tricot warp knitted fabrics, and considered to textile industry as one of the best knitters in Korea. Thus, Kwangil Textile Co. was proudly selected as a promising Small and medium enterprise in 2001 by Gyeonggi Province Government. The world is changing rapidly, and so is the textile industry. Many textile companies around the world have been suffered from severe competitions, and regional barriers became useless mainly due to the globalization. Therefore, we make every effort to provide quality products and services of value to our customers at a reasonable profit. In order to provide the best fabrics to our customers, we have continuously extended our equipment, improved processes and services We know that the company's success cannot be achieved without understanding customers' needs and satisfactions. Therefore, our measures of success are the satisfaction of our customers and partners, and our continued progress towards becoming the best in the business. Make your best products with us!!!

Research and Development

Kwangil Textile was founded on the manufacturing of Tricot fabric. As we transition from a Tricot supplier to an advanced smart textile supplier, we pursue and embrace leading edge smart fabric technology platforms. Our R&D center spearheads strategic technology roadmaps, research and development of scalable technology platform architectures and synergistic technology partnerships. In an ever and competitive landscape, Kwangil textile is committed to staying ahead of the technology curve.

We are always interested in engaging new and innovative partners. If you have If you have a relevant invention, technology, product or service you'd like to discuss with us we'd like to hear from you.



설비 현황

TRICOT MACHINES

HKS 3M (P) 170 inches: 10

HKS 3M (P) 210 inches: 8

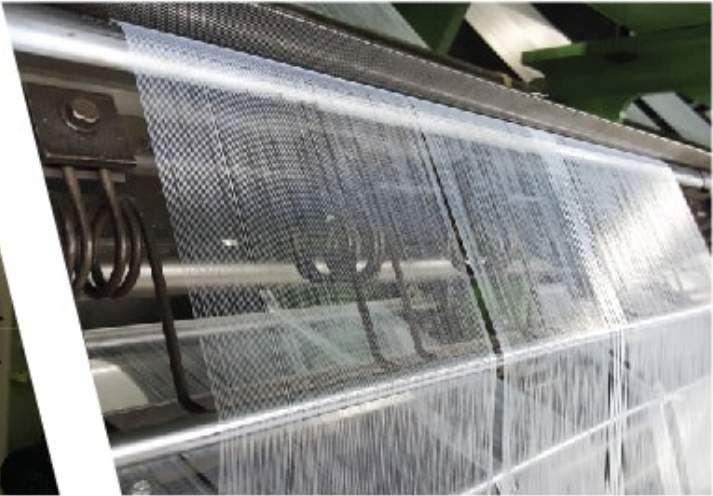
WARPING MACHINES

Karl Mayer Direct Warping Machine : 3

DONG A Eng. Direct Warping Machine : 5



Facilities



PRELIMINARY TECHNICAL DATA SHEET

Knitted Conductive Zebra Fabric CDZB-112CN

A conductive zebra fabric that is conformable, comfortable and tactile.
Conductive and non-conductive stripes are configured on the fabric material

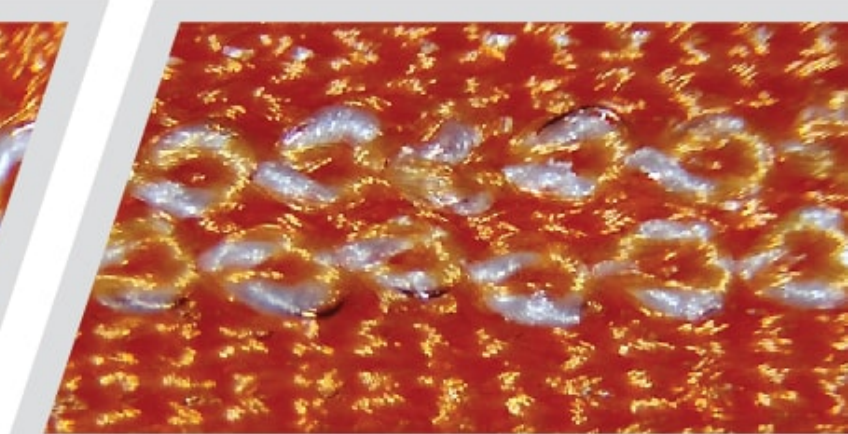
CHARACTERISTICS

- Knitted with copper/polyester composite yarn, and nylon
- Durable but flexible
- Washable
- Fabric Weight: 175GSM
- Fabric Width: 60" (152cm, Max)
- Width of conductive stripe: 2mm (composite yarn)
- Width of non-conductive stripe: 4.5mm (nylon)
- Can be dyed with various colors

APPLICATIONS

- Conductive tracks for wearable devices
- Textile sensor
- Conformal pressure mapping sensor

CDZB112CN



PRELIMINARY TECHNICAL DATA SHEET

Knitted Conductive Zebra Fabric CDZB-112CN

A conductive zebra fabric that is conformable, comfortable and tactile.
Conductive and non-conductive stripes are configured on the fabric material

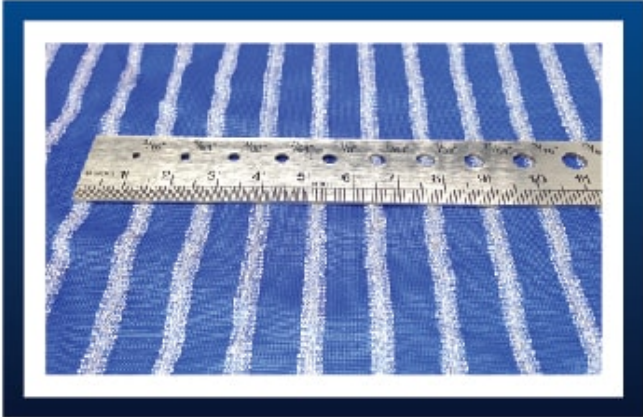
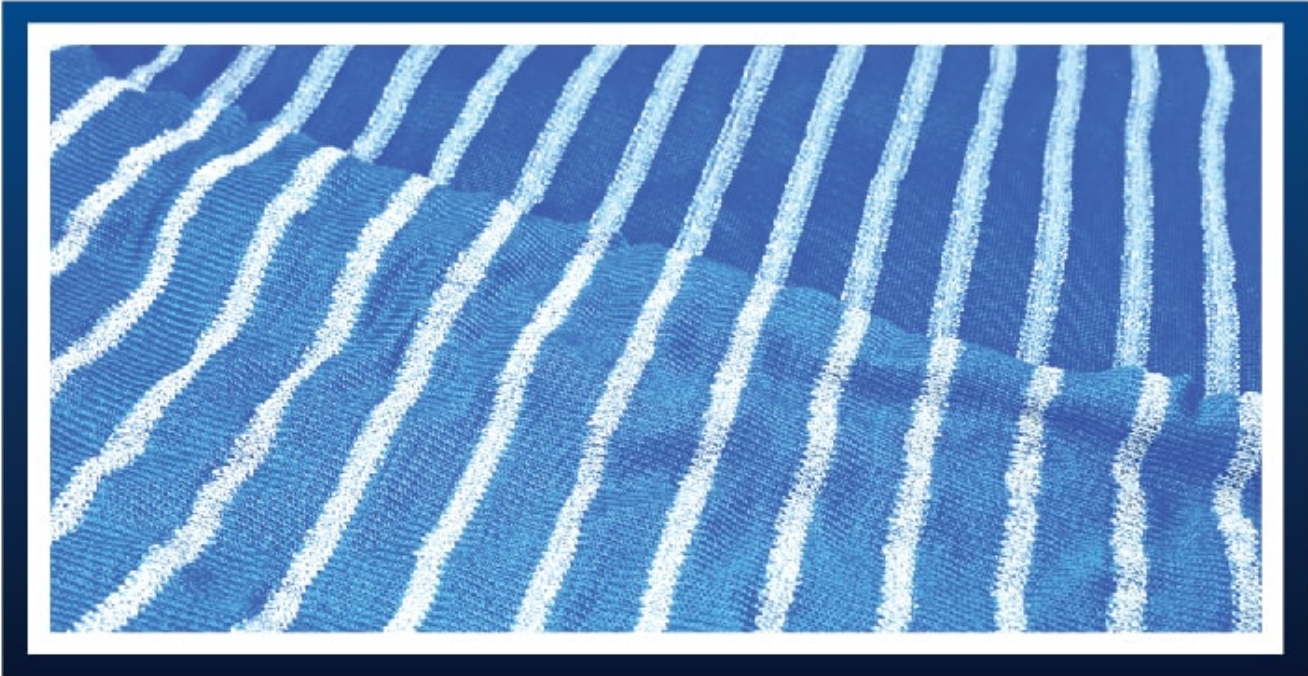
CHARACTERISTICS

- Knitted with copper/polyester composite yarn, and nylon
- Durable but flexible
- Washable
- Fabric Weight: 245GSM
- Fabric Width: 60" (152cm, Max)
- Width of conductive stripe: 5mm (composite yarn)
- Width of non-conductive stripe: 10mm (nylon)
- Can be dyed with various colors

APPLICATIONS

- Conductive tracks for wearable devices
- Textile sensor
- Conformal pressure mapping sensor

CDZB416CN



PRELIMINARY TECHNICAL DATA SHEET

Knitted Conductive Zebra Fabric CDZB-432CP

A conductive zebra fabric that is conformable, comfortable and tactile.
Conductive and non-conductive stripes are configured on the fabric material

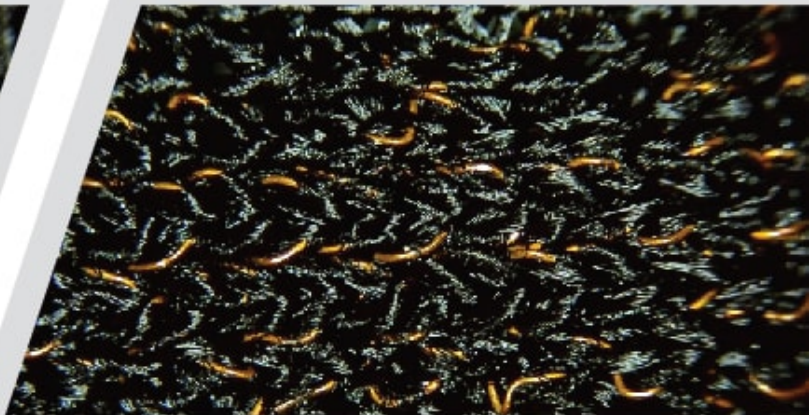
CHARACTERISTICS

- Knitted with copper/polyester composite yarn, and polyester
- Durable but flexible
- Washable
- Fabric Weight: 180GSM
- Fabric Width: 60" (152cm, Max)
- Width of conductive stripe: 5mm (composite yarn)
- Width of non-conductive stripe: 20mm (polyester)
- Can be dyed with various colors

APPLICATIONS

- Conductive tracks for wearable devices
- Textile sensor
- Conformal pressure mapping sensor

CDZB432CP



PRELIMINARY TECHNICAL DATA SHEET

Knitted Conductive Zebra Fabric CDZB-432CPBR

A conductive zebra fabric that is conformable, comfortable and tactile.
Conductive and non-conductive stripes are configured on the fabric material

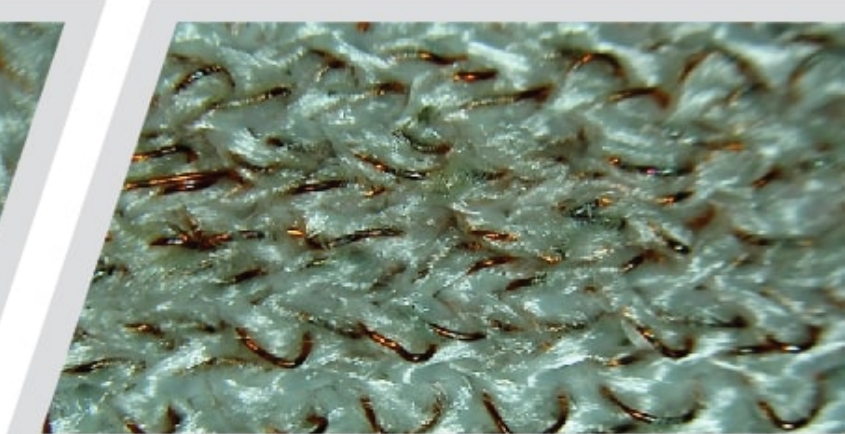
CHARACTERISTICS

- Knitted with copper/polyester composite yarn, and polyester
- Durable but flexible
- Washable
- Fabric Weight: 220GSM
- Fabric Width: 60" (152cm, Max)
- Width of conductive stripe: 5mm (composite yarn)
- Width of non-conductive stripe: 21mm (polyester)
- Slightly brushed on technical back side of the fabric
- Can be dyed with various colors

APPLICATIONS

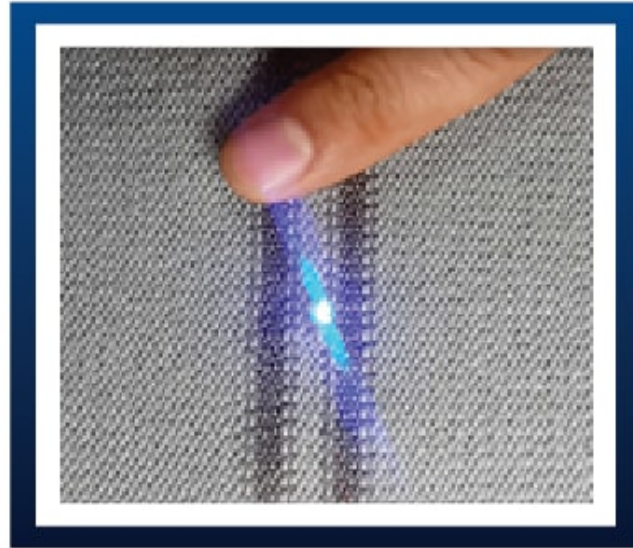
- Conductive tracks for wearable devices
- Textile sensor
- Conformal pressure mapping sensor

CDZB432CPBR

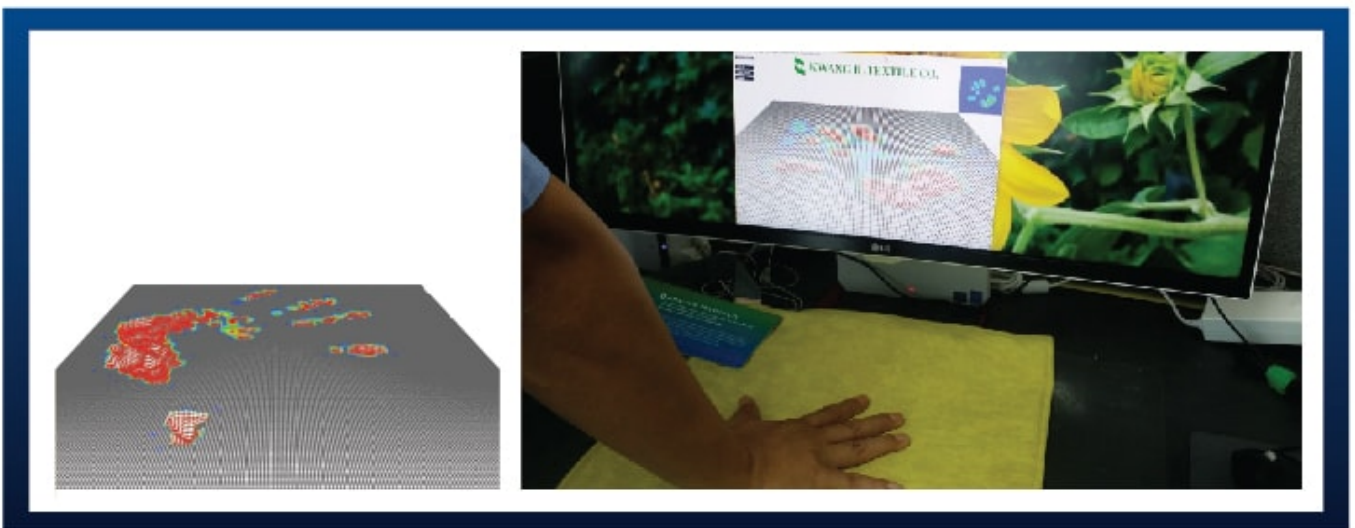


Applications

FABRIC BUTTON

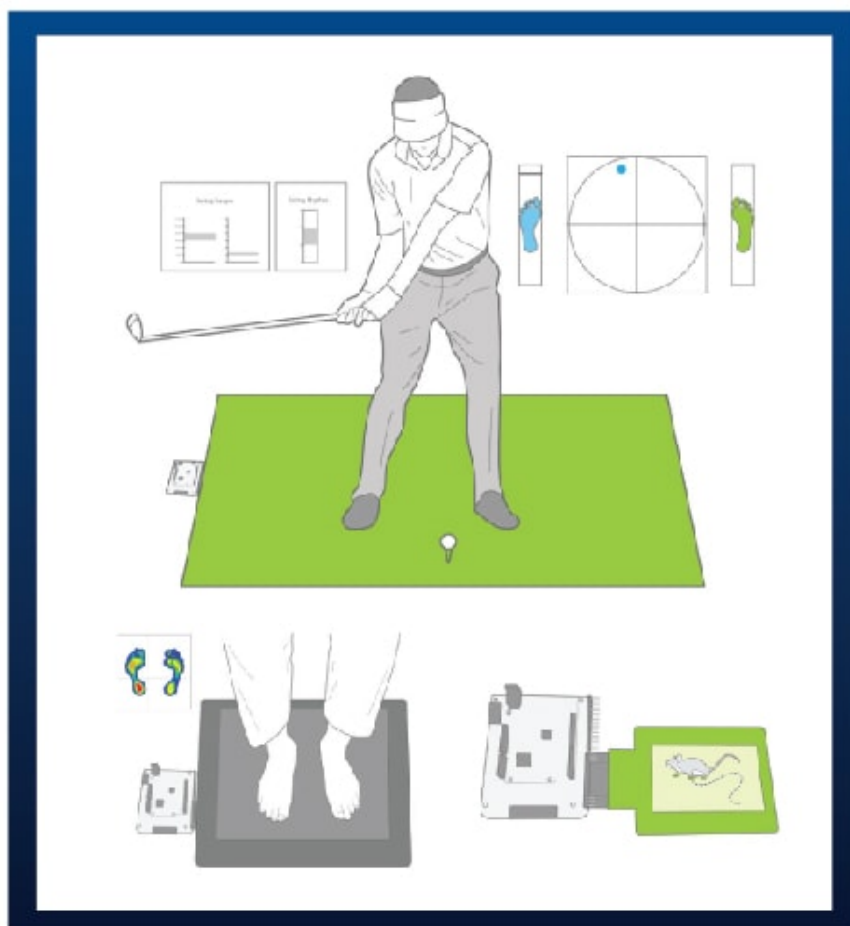


PRESSURE SENSOR & MULTI-TOUCH



PRESSURE SENSOR & MULTI-TOUCH

SPORTS & ENTERTAINMENT



FOOT & BODY PRESSURE MAPPING



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COMPOSITION

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COMPOSITION

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Listed samples is a party of our whole products, each sample has different weights and colors available.

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