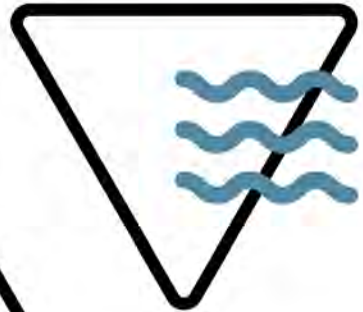
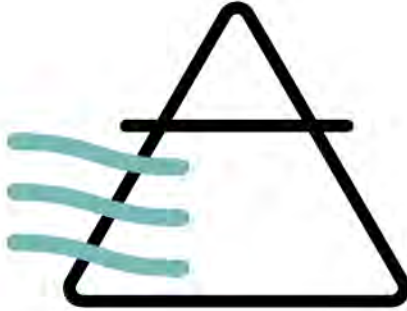


MDSETHOS 4

Performance Textile Innovation

THE
FOUR
ELEMENTS

MEN-CHUEN FIBRE INDUSTRY CO., LTD.



We don't inherit the earth from our ancestors,
We borrow it from our children.

- Native American Proverb



*The post-pandemic era
This is the best time for us to keep
calm and head start for a change.*

*Let's get up for the movement,
from the very tiny starting point,
make the best use of available
resources from the earth,*

Let's explore every possibilities !



Earth





BIO BYEOLD

Say good-bye to the old. Replace part of petrol from food wasted and planted based substance, step into new era.

30% Of zero carbon emission

30% Of bio material from sugar cane & non-food plants





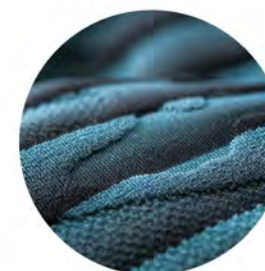
LIKEN LICHEN

By observing the appearances and features of the lichens, adopting its unique structural feature and texture. We created "Liken Lichen".

The unique terry loop design provides a special air-barrier layer, enhancing the retention of warmth.

The holes & vents provide breathability. Giving garments made of this fabric the features of quick dry, breathability and comfort.

Liken Lichen also prevented release of plastic particles during secondary processing compared with fleece finishing.





Water



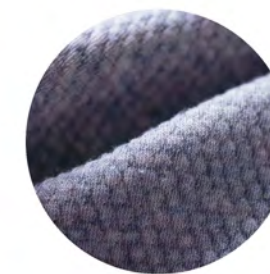
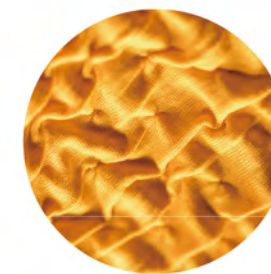


WATER WISER

How to maximize the benefits of water?
You can't miss the wise techniques which
emphasize the color requirement.

- ▶ *Color is permanent-resistant to sunlight*
- ▶ *Color is locked-resistant to repeated washing*

+50%	Energy conservation	-60%	CO ₂ emissions
+75%	Water conservation	-90%	Chemicals usage

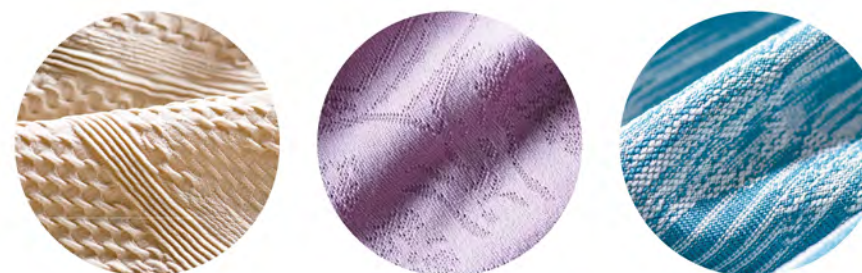




SEASOUL SEESAW

The ocean on earth playing the role of climate adjustment. Same as our moisture and wicking function to provide comfort zone to human body.

- ▶ *Seasoul Seesaw like ocean.*
- ▶ *The holes & vents provide breathability and quick dry .*
- ▶ *Promote body keep optimum temperature.*





Fire 

The word "Fire" is written in a white, sans-serif font. To its right is a white icon consisting of three wavy, vertical lines that resemble flames.



THERMAL METRO

Graphene has been greatly used in our daily life, especially in the electronics.

We took advantage of its electric conductivity, heat conductivity, high optical density and masking effect. Using in the textile products, which gives us the following advantages:

- ▶ *Far infrared ray-boosts circulation*
- ▶ *Antistatic*
- ▶ *Antibacterial*
- ▶ *UV-resistant*

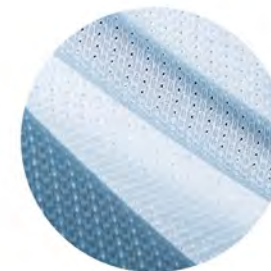




THERMAL METRO

Seawool yarn, an environmental-friendly material with wool-like hand feel, is made of processed waste oyster shells mixed with recycled polyester, spun into a unique material.

- ▶ **Anti-static**
The shell granulated into fine powder with active carbon-like moist-absorbent feature and large specific surface area, providing excellent conductivity.
- ▶ **Anti-odor / Warmth retention**
Through high-temperature oxidation, the shell powder transformed into calcium oxide, which is a natural anti-deodorizer and moist-absorbent with low heat-conductivity, can lock in moisture and prevent loss of body heat.





Wind

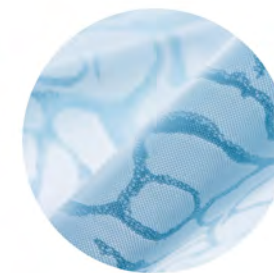
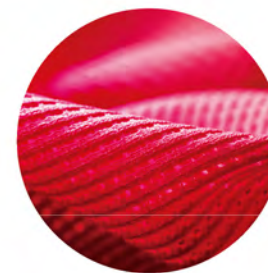


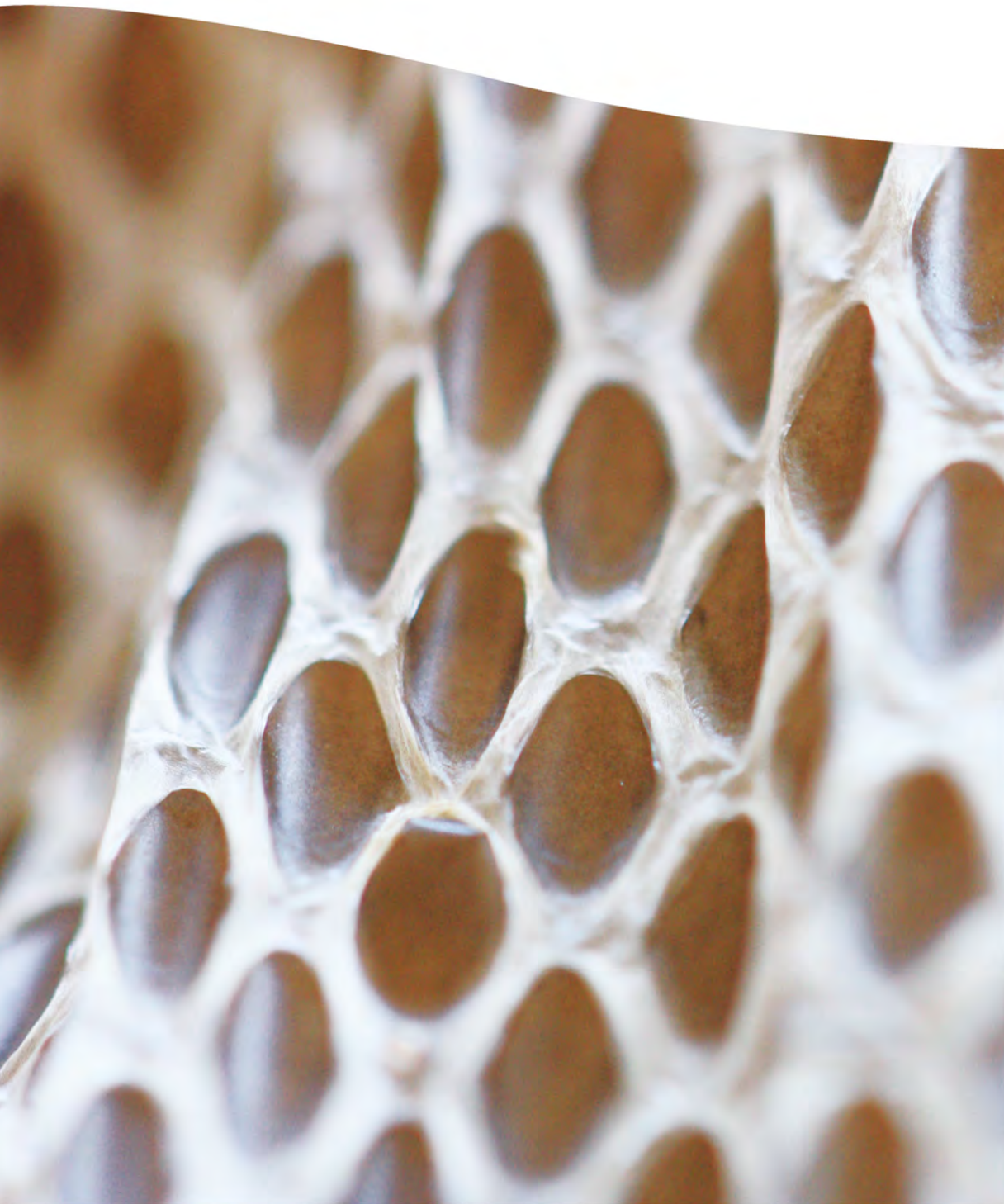


AERO MELLOW

A light weight, airy material soft and cool to the touch, or an air barrier to prevent heat-loss.

- ▶ *Transparency warp knit spacer and circular knit jacquard.*
- ▶ *Light weight and delicately designed, it is the best choice for spring and autumn outerwear.*
- ▶ *Functionally covered, water-repellent and windproof, it is the best companion for outdoor life.*

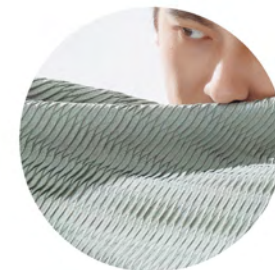
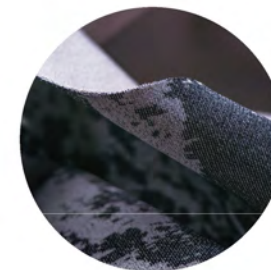




AERO MELLOW

Wind-fluidity and airy, the existence of air molecules can help adjust temperatures.

- ▶ *Bio-inspired textured.*
- ▶ *Fish scales-alike layered design with air traps.*
- ▶ *Marble-patterned spacer layer provides air barrier to keep the heat yet not adding additional weight.*



MDS GROUP

Over 40 years of quenching, we continued to stand strong. We extended our business from Taiwan to Vietnam, applying the same outstanding knitting and dyeing technology.

With profound research and development power, we strive to lead the textile industry to stay on top of current trends and satisfy customer needs, while promoting sustainability and environmental friendliness in our productions and work environment.



40 Years of experiences

2 Nations represented
Taiwan & Vietnam in business

4 Number of factories
Taiwan x2 | Vietnam x2

100_{up} Million yards
Per year

800+ Employees
Taiwan & Vietnam

● Taiwan

● Vietnam

MEN-CHUEN VIETNAM

From selection of raw material to the final finishing touch, we provide you optimal experience via process improvement.



► Warp knitting

38 Conventional
single knit

2.4_M Yards
Month

► Circular knitting

4 Double cylinder knit
computer jacquard

8 Single cylinder knit
computer jacquard

6 Cuff / collar
rib knitting

10 Conventional
double knitting

1.5_M Yards
Month

► Dyeing & finishing

35 Dyeing

3 Brushing
machine

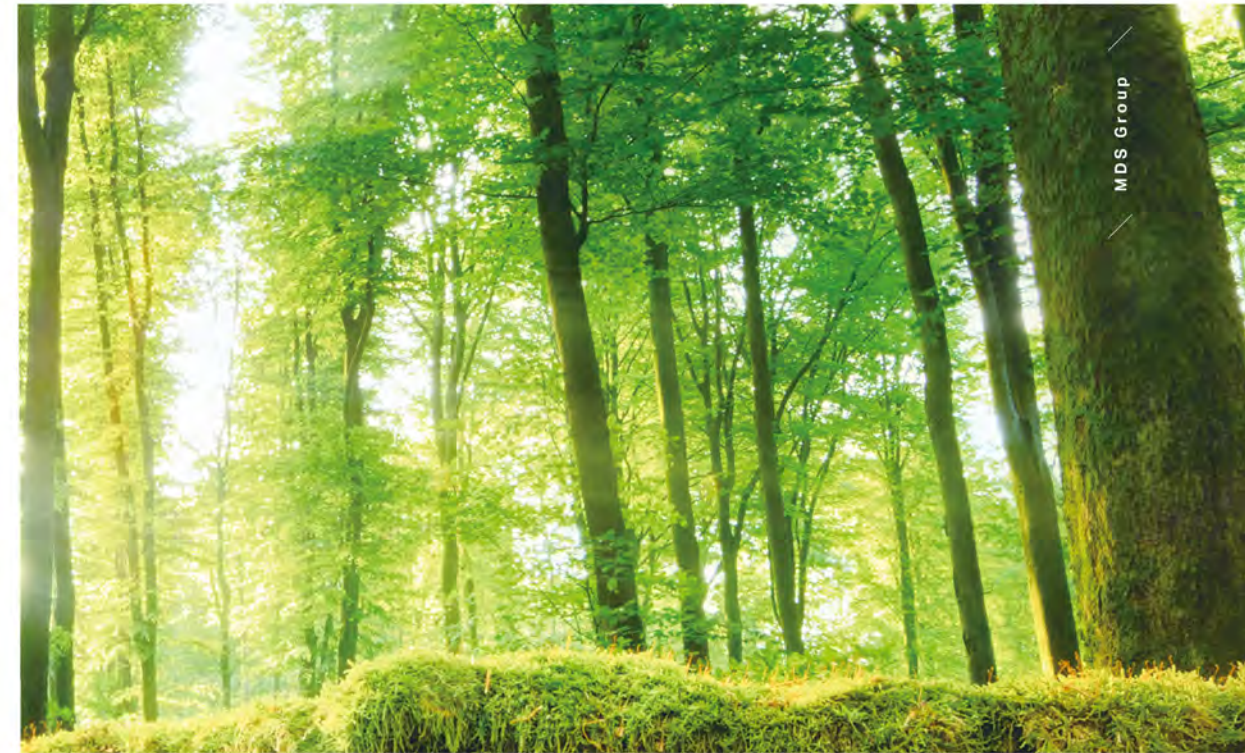
3 Heat setting
stenter

1 Sanding
machine

7_M Yards
Month

MDS GROUP ESG

Adopting green business model and optimize utilization of resources to reduce impact to the environment and promote sustainability for our planet.



Carbon reduction

VN Factory

- Solar panels of 5,200 pieces over the rooftop generate 3,000 mwh / year of clean energy
- Carbon footprint reduction 500t CO₂ / annum
- 45% total electricity consumption



Energy conservation

- Turbo blower
- 100% NG boiler usage
- Condensate water recovery for boiler
- 100% of electric / steam smart meter



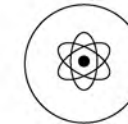
Waste management

- 100% zero landfill & recycle
 - ▶ Sludge → KTMT → Fertilizer
 - ▶ Hazardous waste → Insee → Burn → Recycle



Water management

- 100% smart meter recording
- 100% rooftop rainwater reused
- ▶ Future plane
 - Wastewater recycling
 - UF + RO system



Chemical management

- 100% bluesign dyestuff & auxiliary
- Follow ZDHC MRSL (Manufacturing restricted substances list)
- Random RSL testing (Restricted substances List)
- Using BVE3, CLEANCHAIN system to manage chemical inventory list



MDS WE CARE

Through risk management and quality assurance, we keep our promise to safeguard our product and employee wellness, ensuring that our business is managed with integrity. Besides common employee benefits, we support our employees with extensive career planning and training opportunities, providing a healthy, safe working environment.



Physical & mental well-being for employees



Respectful & secure working environment



Nurturing community



FSLM (facility social & labor module)



SLCP (social & labor convergence program)





VIETNAM GIANG DIEN KNITTING MFG.

Road No.2, Giang Dien Industrial Park,
An Vien Commune, Trang Bom District,
Dong Nai Province, Vietnam

T +84 251 8966-868

F +84 251 8966-969

Tax ID Number 3603076036

**VIETNAM NHON TRACH
DYEING & FINISHING MFG.**

Road No.9, Nhon Trach VI Industrial Park,
Long Tho Commune, Nhon Trach District,
Dong Nai Province, Vietnam

T +84 251 3685-266

F +84 251 3685-267



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www.mds-intl.com

MDSETHOS 4

Performance Textile Innovation



MEN-CHUEN FIBRE INDUSTRY CO., LTD.

10F., No.392, Sec. 1, Neihu Rd., Taipei City 114, Taiwan (R.O.C.)

TEL +886 2-2799-0858 FAX +886 2-2799-0959 EMAIL service@mds-intl.com



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