



TurboDry®

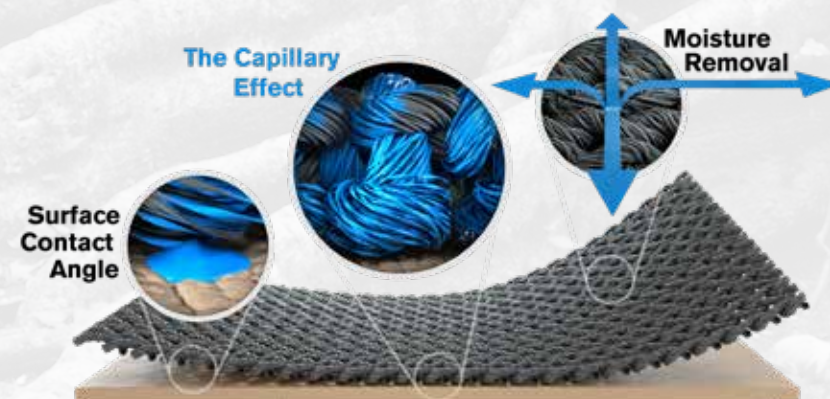


# TurboDry®

## Permanent One-Way Moisture Transport Fabric

TurboDry® is an innovative fabric technology that utilizes biomimicry to move moisture in one direction, away from the skin, to keep active users drier and more comfortable than traditional wicking materials.

Nature's technology allows trees to move moisture from their roots, one way to their leaves. TurboDry® moisture transport mimics this action moving perspiration through the fabric, away from the skin, for faster evaporation.



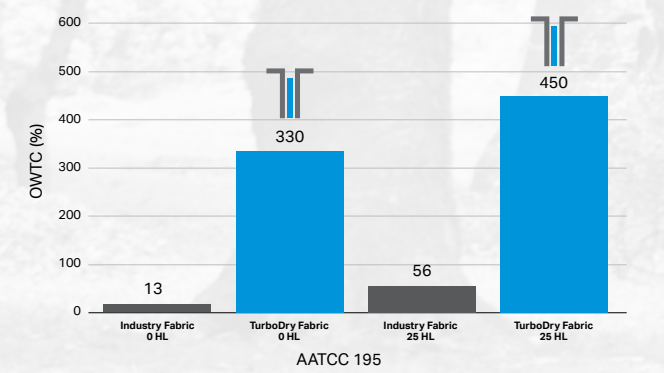




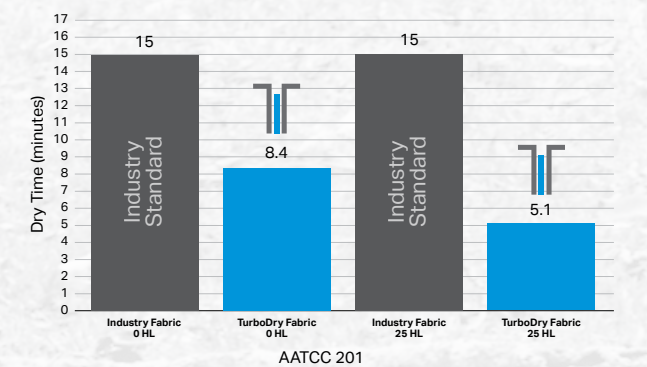
Pulls sweat away from body.  
100x drier next to skin.

## Industry Standard Comparison

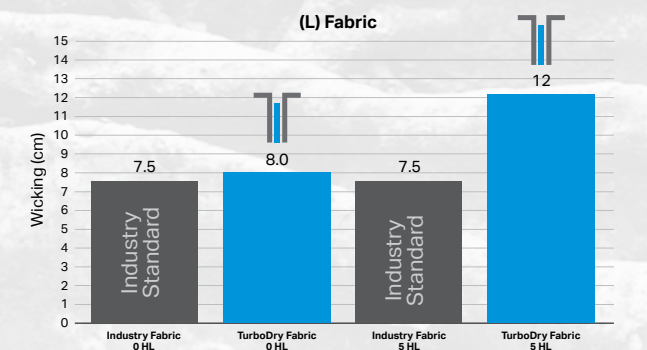
### One-Way Transport Capability



### Dry Time



### Wicking



Note: The fabric used in this study is a knitted synthetic material comprised of 88% Polyester, 12% Elastane weighing 150 gsm.



# TurboDry®

TurboDry® has joined forces with over 30 of the world's leading apparel companies for a dry revolution. Embark on a journey with TurboDry® and unlock your brand's next innovative product. Whether you're looking to enhance the performance of your apparel or incorporate TurboDry® into another application, our flexible and tailored solutions can be customized to suit your needs.

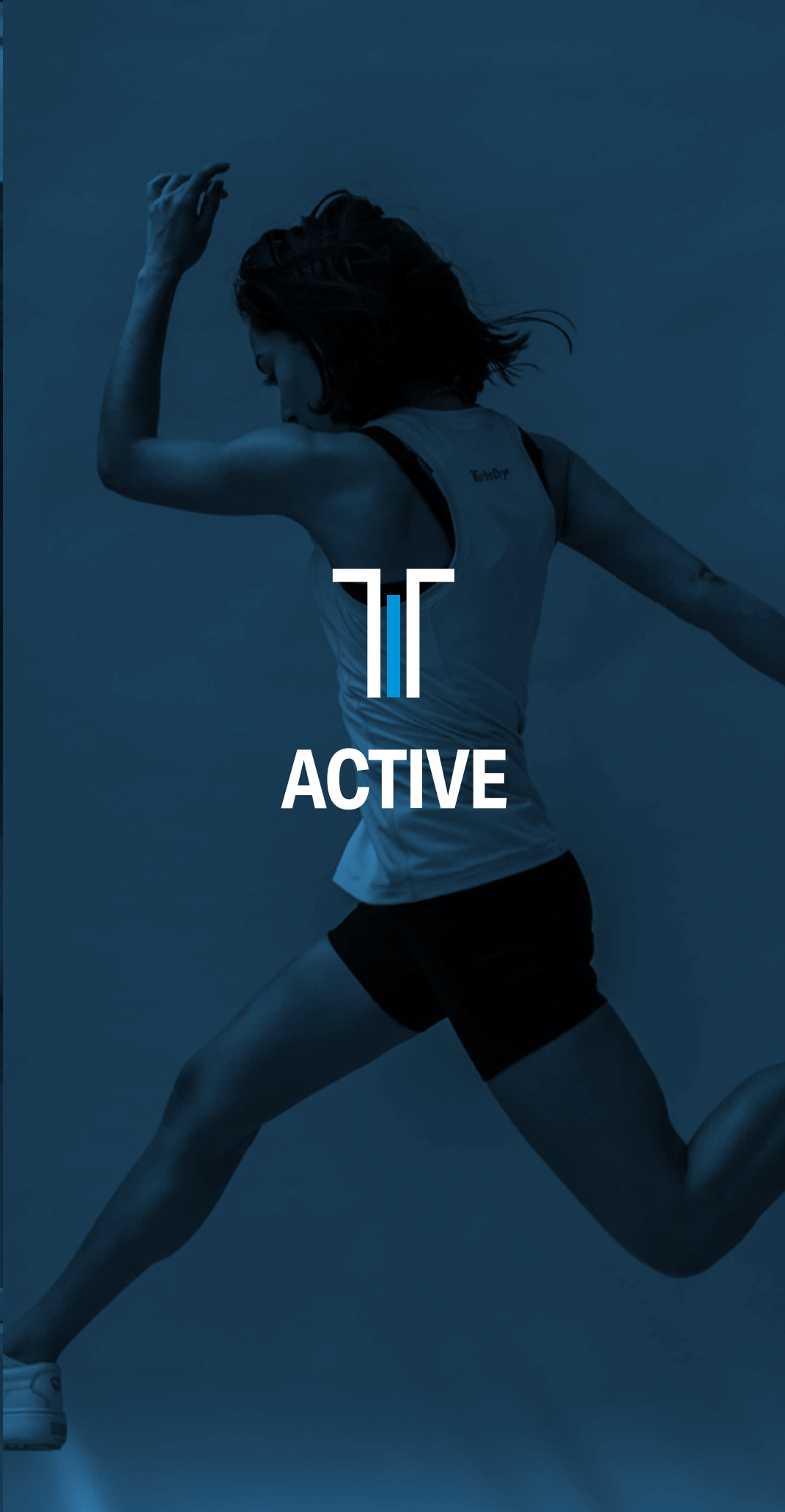
A background image of a skier in motion, wearing a dark jacket and helmet, with a blurred background suggesting speed. The skier is positioned on the right side of the image, leaning forward in a racing stance.

## TurboDry® OUTDOOR





**LIFESTYLE**



**ACTIVE**



**INTIMATES**





TurboDry® **OUTDOOR**





**Base**  
**MidLayer**  
**Softshell**  
**Fleece**  
**Legging**  
**Woven-Like Knit**





Quality  
NBNB791557-TDFC5X2

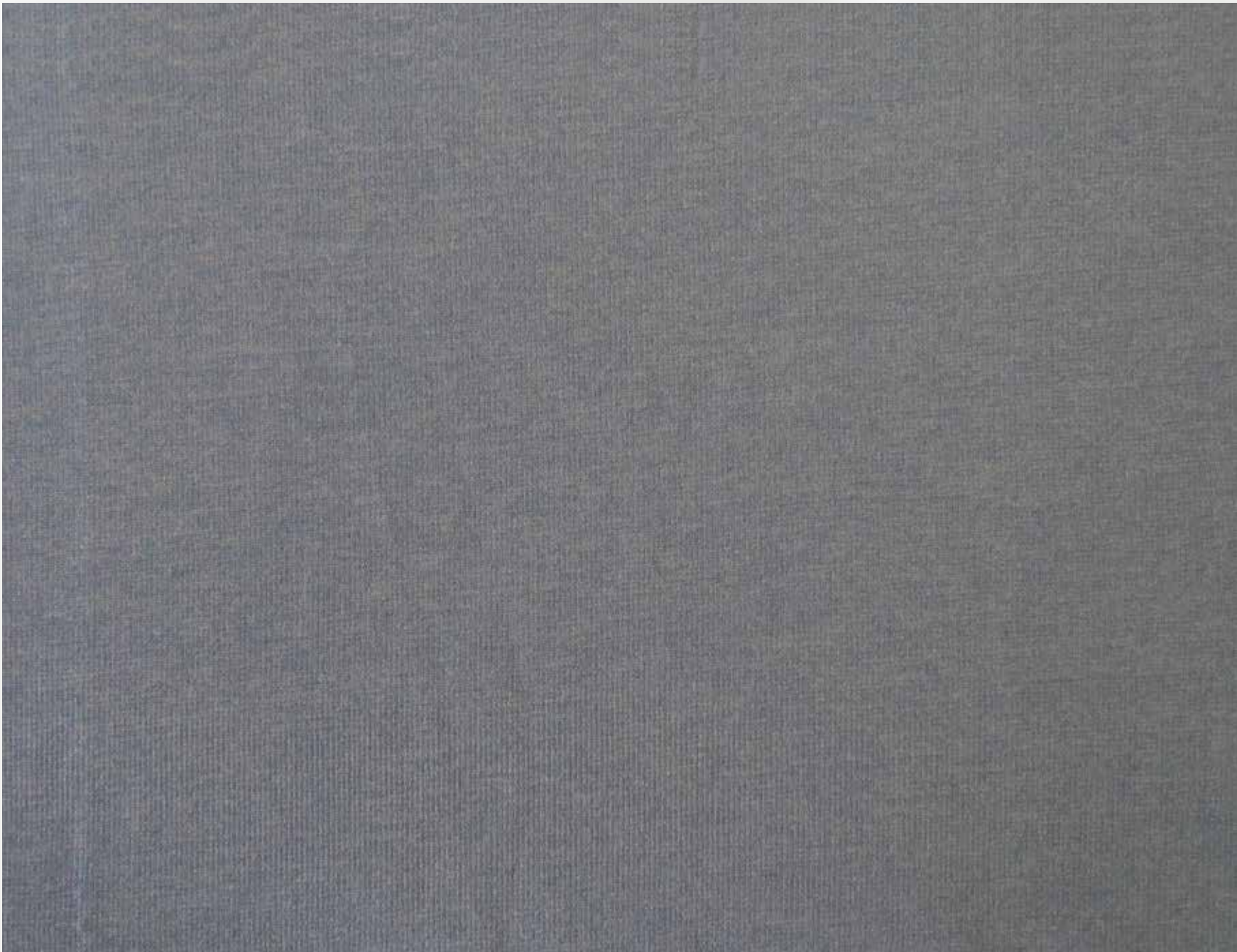
Specification  
Content: 78% Recycled Polyester, 22% Polyester  
Width: 145 cm  
Weight: 130 gsm  
Gauge: E32

Details  
This material combines functional and recycled PES yarns with an advanced knitting structure to achieve excellent quick drying and air permeability performance. The mechanical stretch PES improves fabric density, supporting the fabrics anti-snagging and pilling properties.

Function	Test Method	Test Result
Dry Time	AATCC 201	395 sec
Push/Pull	AATCC 195	206%
Vertical Wicking	AATCC 197	180 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 3.5 W: 4.0

OUTDOOR

TurboDry BaseLite





OUTDOOR

# TurboDry BaseHeavy



Quality

NTEI090815-TDFC70X2-B2

Specification

Content: 79% Recycled Polyester, 21% Elastane

Width 175 cm

Weight: 250 gsm

Gauge: E40

Details

This 40 gg material is the best-in-class option for compression baselayer tops and bottoms. The flat face and tight knit structure provide lasting durability that will ensure longevity and performance over an extended garment life.

Function	Test Method	Test Result
Dry Time	AATCC 201	494 sec
Push/Pull	AATCC 195	228%
Vertical Wicking	AATCC 197	L: 208 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 3.0 W: 4.5



Quality  
NTEI00010-TDMFX8-B21

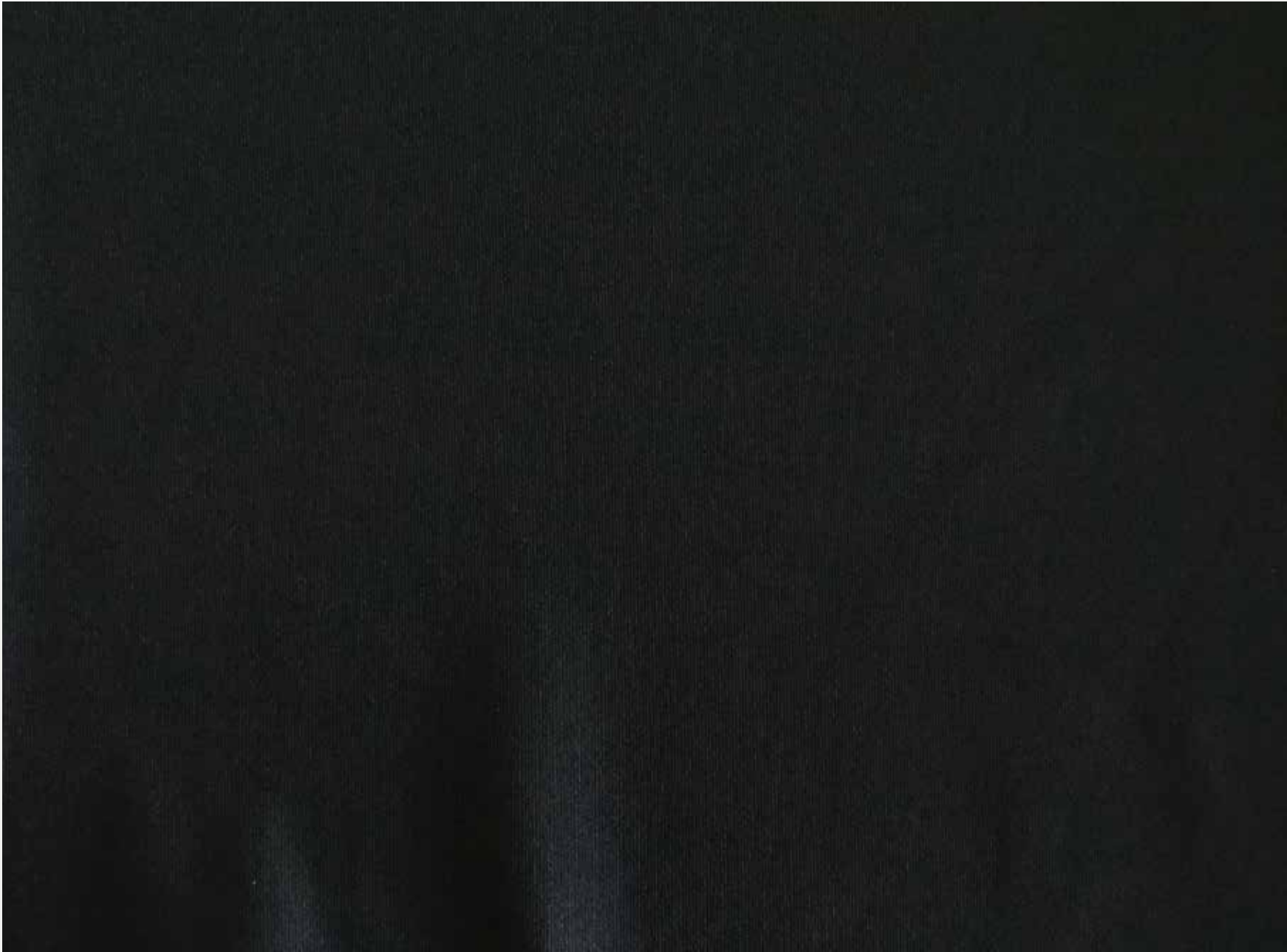
Specification  
Content: 85% Recycled Polyester, 15% Elastane  
Width: 145 cm  
Weight: 260 gsm  
Gauge: E32

Details  
This interlock material offers a peached skin contact side for added warmth and flat face to ensure snagging and pilling resistance. The large OWTC values ensure dryness and warmth when in high intensity applications

Function	Test Method	Test Result
Dry Rate	AATCC 201	1.28 mL/s
Push/Pull	AATCC 195	617%
Vertical Wicking	AATCC 197	205 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 2.5 W: 4.5

OUTDOOR

TurboDry MidLayer





OUTDOOR

# TurboDry MidLayer 3D



Quality

NTSJT00071-TDWFX8

Specification

Content: 94% Polyester, 6% Elastane

Width 175 cm

Weight: 250gsm

Gauge: E40

Details

The geometric terry structure on the skin contact side of this material provides lofty breathable warmth. The perfect midweight layer to shove in the pack when things might get chilly.

Function	Test Method	Test Result
Dry Time	AATCC 201	461 sec
Push/Pull	AATCC 195	921%
Vertical Wicking	AATCC 197	
Anti-Pilling	ASTM D3512	
Anti-Snagging	ASTM D3939	



### Quality

NL400002AA-TW

### Specification

Width: 140 cm

Weight: 165 gsm

Layers:

Outer: 62% Nylon, 38% Elastane

Middle: TPE membrane

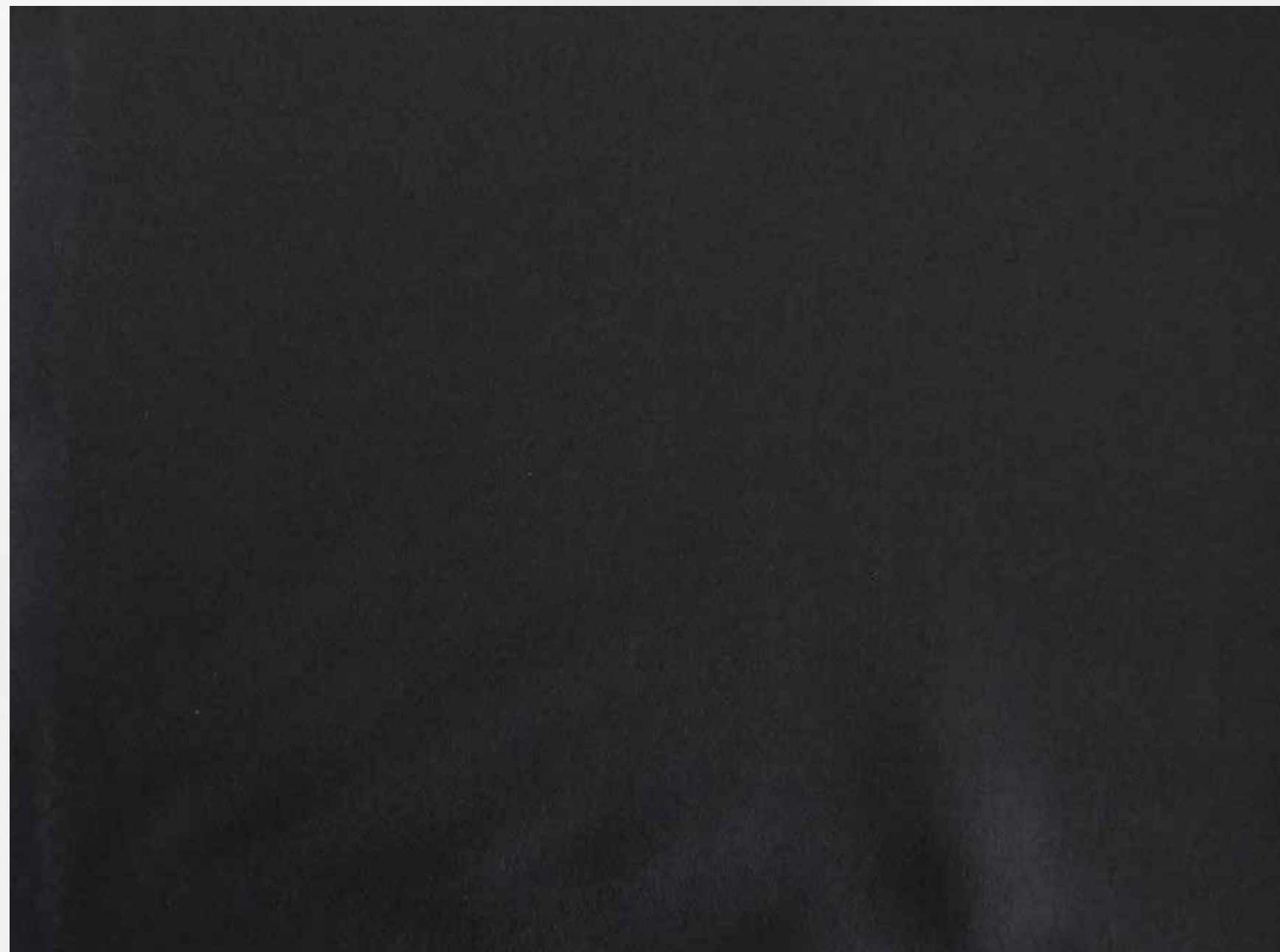
Skin:L 53% Polyester, 47% Recycled Polyester

### Details

This laminated material provides a glimpse into the possibilities when inherent wicking performance is laminated with a breathable waterproofing membrane.

OUTDOOR

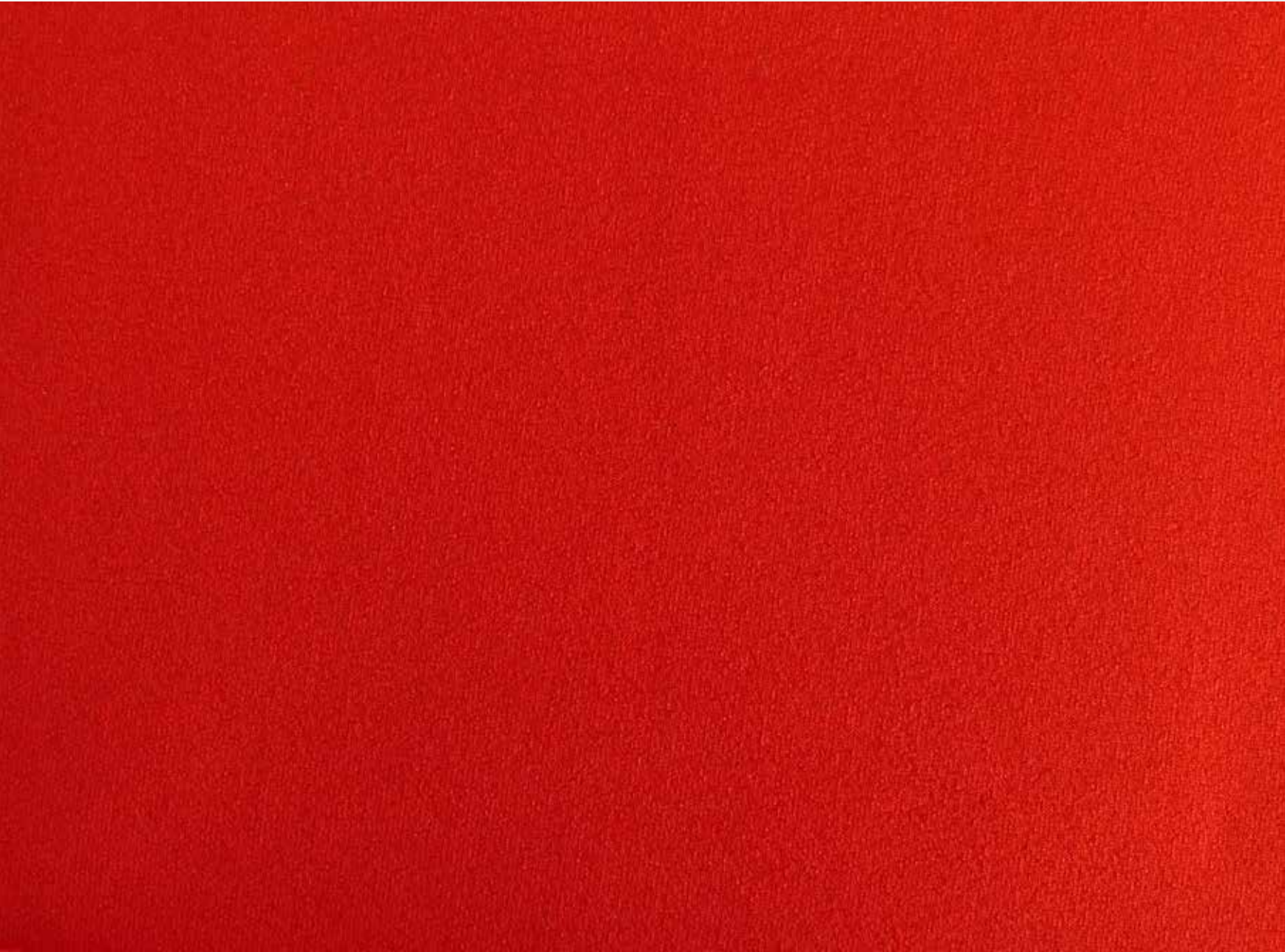
## TurboDry Softshell





OUTDOOR

# TurboDry Fleece Stretch



Quality

NTEQ235761-TDMFX2-B2C2

Specification

Content: 94% Polyester, 6% Elastane

Width 175 cm

Weight: 250gsm

Gauge: E40

Details

This stretch fleece material boasts some of the highest recorded push-pull measurements across the entire TurboDry line ensuring it will work with baselayer systems to pull moisture to the outside of the layer system. The soft inside will guarantee comfort throughout the day.

Function	Test Method	Test Result
Dry Time	AATCC 201	666 sec
Push/Pull	AATCC 195	1134%
Vertical Wicking	AATCC 197	L: 210 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 4.0 W: 4.0



Quality  
NT2200029B-TDFX8

Specification  
Content: 54% Polyester, 46% Elastereil-P T400  
Width: 170 cm  
Weight: 220 gsm  
Gauge: E32

Details  
Excellent durability and abrasion resistance,  
mechanical stretch and superior moisture  
management to take traditional woven materials  
to the next level. Inspired by trends towards  
movement and function.

Function	Test Method	Test Result
Dry Rate	AATCC 201	1.85 mL/hr
Push/Pull	AATCC 195	358%
Vertical Wicking	AATCC 197	202 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 4.0 W: 3.0

OUTDOOR

Woven-Like Knit





OUTDOOR

# TurboDry Winter Legging



Quality

NT1361646B-TDFX2-B21

Specification

Content: 94% Polyester, 6% Elastane

Width 130 cm

Weight: 295 gsm

Gauge: 28

Details

Fleece backed legging to provide a warmth and comfort during the cooler seasons. Despite the additional loft, this material's moisture management ensures temperature regulation across all of the seasons.

Function	Test Method	Test Result
Dry Time	AATCC 201	430 sec
Push/Pull	AATCC 195	465%
Vertical Wicking	AATCC 197	240 mm
Anti-Pilling	ASTM D3512	4
Anti-Snagging	ASTM D3939	L: 3.5 W: 4.5



A person wearing a cap and a long-sleeved shirt is seen from behind, reaching up to handle a large wooden plank in a workshop filled with various wood materials. The scene is dimly lit with a blue tint.

**TurboDry®** **LIFESTYLE**





**Natural  
Wool  
Terry  
Fleece  
Cool  
Spacer**





Quality  
NKAED00041-TDMFX8

Specification  
Content: 69% Micro Modal, 25% Polyester,  
6% Elastane  
Width: 170 cm  
Weight: 175 gsm  
Gauge: E32

Details  
A cool to the touch buttery soft fabric that boasts  
equal parts performance and comfort. From gym to  
office to couch this material can do it all.

Function	Test Method	Test Result
Dry Time	AATCC 201	643 sec
Push/Pull	AATCC 195	248%
Vertical Wicking	AATCC 197	163 mm
Anti-Pilling	ASTM D3512	4.0
Anti-Snagging	ASTM D3939	L: 4.0 W: 4.5

LIFESTYLE

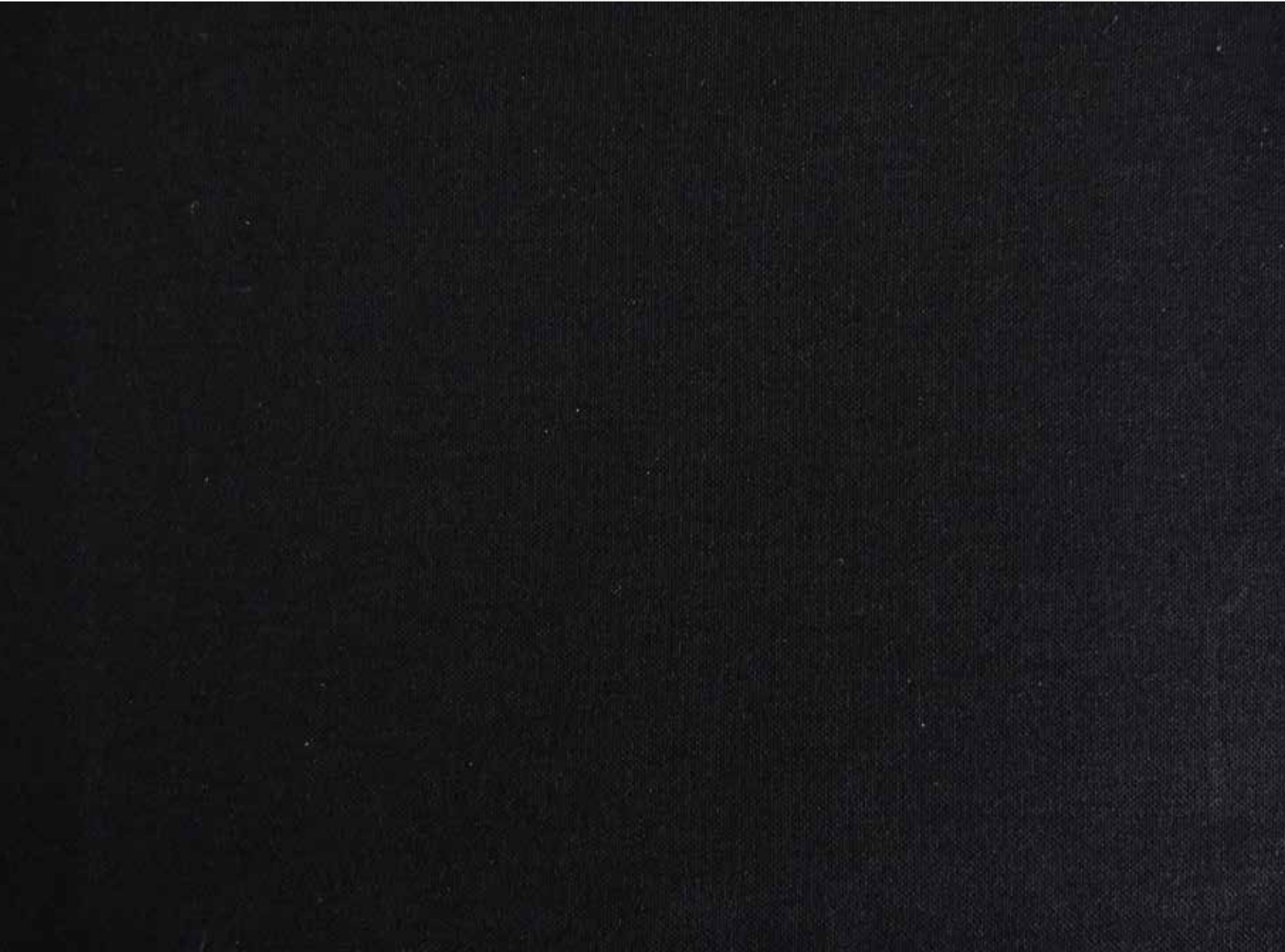
# TurboDry Natural Modal





LIFESTYLE

TurboDry Natural Cotton



Quality

NKAEB00192-TDFX2

Specification

Content: 60% Polyester, 6% Tencel, 17% Cotton, 11% Modal, 6% Elastane  
Width 180 cm  
Weight: 200gsm  
Gauge: E32

Details

By introducing natural fibers onto the face side of the material we achieve a natural hand while maintaining a performance edge.

Function	Test Method	Test Result
Dry Time	AATCC 201	706 sec
Push/Pull	AATCC 195	182%
Vertical Wicking	AATCC 197	164 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 4.0 W: 4.0



Quality  
NKAED00059-TDWFX8-B21

Specification  
Content: 91% Recycled Polyester, 5% Wool,  
4% Elastane  
Width: 135 cm  
Weight: 235gsm  
Gauge: E20

Details  
A traditional waffle knit structure with wool and recycled fiber. Heavier weight base or a stand alone midlayer. The class aesthetic combined with the construction technology makes for an elevated offering.

Function	Test Method	Test Result
Dry Time	AATCC 201	586 sec
Push/Pull	AATCC 195	172%
Vertical Wicking	AATCC 197	176 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	

LIFESTYLE

# TurboDry Wool





LIFESTYLE

TurboDry Terry



Quality

NKANRT00052-TDWVFX3

Specification

Content: 47% Cotton, 37% Polyester  
16% elasterell-P  
Width: 175 cm  
Weight: 310gsm  
Gauge: E22

Details

Terry combines the comfort and softness of traditional French Terry fabric with performance-enhancing features such as moisture-wicking, breathability, and stretchability. This fabric is designed to keep athletes comfortable during workouts by wicking away sweat and allowing for a full range of motion.

Function	Test Method	Test Result
Dry Time	AATCC 201	858 sec
Push/Pull	AATCC 195	700%
Vertical Wicking	AATCC 197	152 mm
Anti-Pilling	ASTM D3512	
Anti-Snagging	ASTM D3939	



Quality  
NKANB00165B-TDVFX3-B1C1

Specification  
Content: 53% Cotton, 47% Polyester  
Width: 150 cm  
Weight: 255 gsm  
Gauge: E24

Details  
Soft cotton face. Soft brushed synthetic back with a  
OWTC in the upper ranges to ensure soft natural hand  
with uncompromising performance.

Function	Test Method	Test Result
Dry Time	AATCC 201	1104 sec
Push/Pull	AATCC 195	768%
Vertical Wicking	AATCC 197	178 mm
Anti-Pilling	ASTM D3512	4.0
Anti-Snagging	ASTM D3939	L: 3.5 W: 4.0

LIFESTYLE

TurboDry Fleece Natural





LIFESTYLE

TurboDry Cool Woven-Like Knit



Quality

N1363556B-TDFX8

Specification

Content: 72% Nylon, 28% Polyester

Width 140 cm

Weight: 160 gsm

Gauge: E32

Details

This woven-like knit material provides a midweight bottom option for the daily commute, office, travel, and game day slacks.

Function	Test Method	Test Result
Dry Time	AATCC 201	526 sec
Push/Pull	AATCC 195	289%
Vertical Wicking	AATCC 197	164 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 3.0 W: 2.0



Quality  
NKASP00102B-TDVFX8

Specification  
Content: 44% Polyester, 24% Modal, 24% Cotton  
8% Elastane  
Width: 165 cm  
Weight: 205gsm  
Gauge: E28

Details  
Spacer fabric with blended natural fibers providing incredible hand and a full-bodied material for pants and joggers. The airy feel of the material elicits a feeling of luxurious comfort.

Function	Test Method	Test Result
Dry Time	AATCC 201	626 sec
Push/Pull	AATCC 195	313%
Vertical Wicking	AATCC 197	172 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 4.0 W: 4.5

LIFESTYLE

# TurboDry Spacer







Permanent moisture control  
that does not wash out.



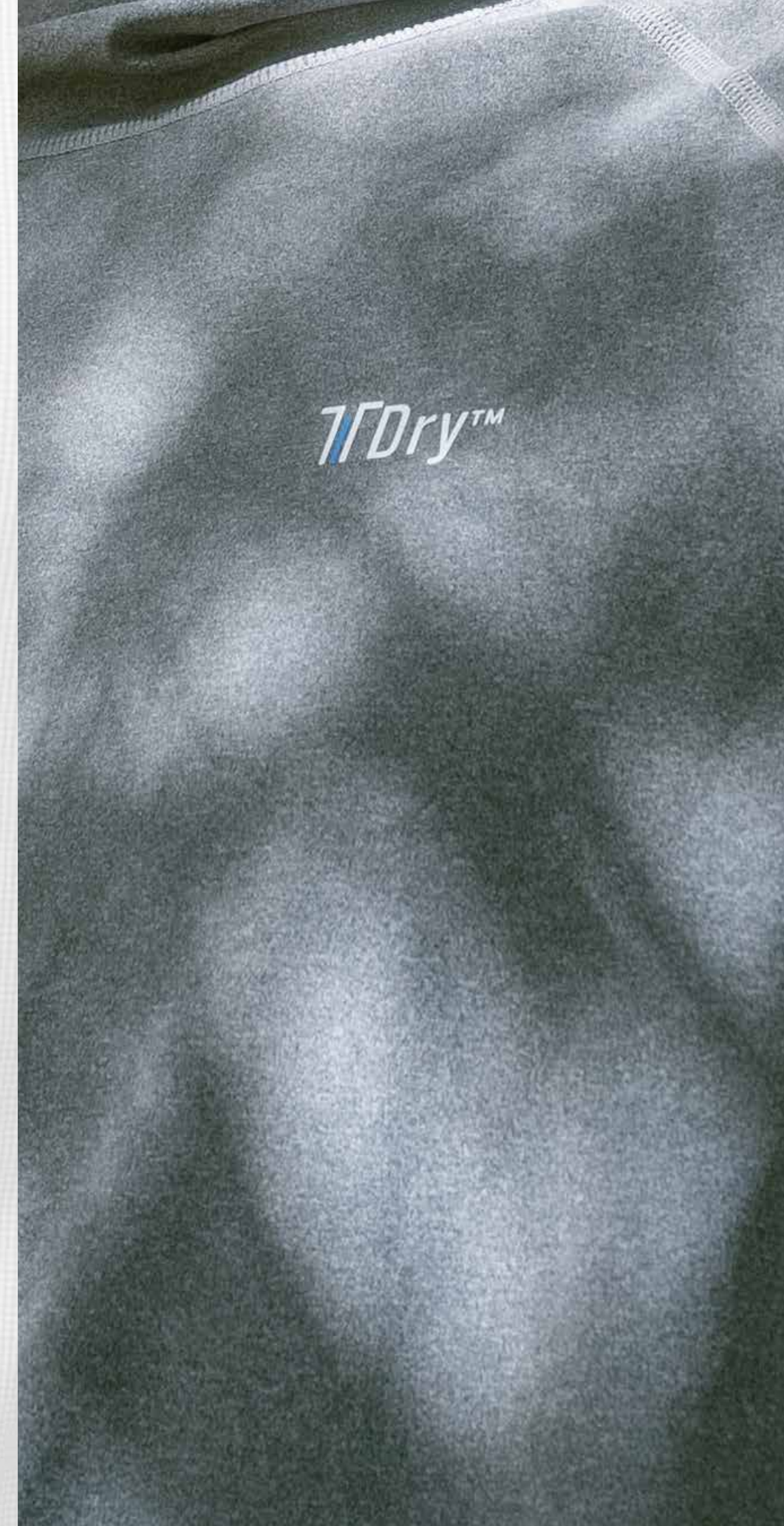


**TurboDry<sup>®</sup> ACTIVE**





**Jersey  
Interlock  
Heathered  
Spacer  
Leggings  
Woven-Like Knit  
Nylon Spacer**





Quality  
NTEJ00084-TDFX8

Specification  
Content: 89% Polyester, 11% Elastane  
Width: 145 cm  
Weight: 120 gsm  
Gauge: E32

Details  
This lightweight jersey is great for liners, underwear, and lightweight tops, while small surface details speak to the technicality of the material.

Function	Test Method	Test Result
Dry Time	AATCC 201	317 sec
Push/Pull	AATCC 195	175%
Vertical Wicking	AATCC 197	163 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 4.0 W: 4.0

ACTIVE

# TurboDry Light Jersey





ACTIVE

# TurboDry Interlock



Quality

NTED886232-TDFX8

Specification

Content: 88% Recycled Polyester, 12% Elastane

Width 152 cm

Weight: 175 gsm

Gauge: E28

Details

Interlock knit is a double-knit construction resulting in a fabric with a smooth surface on both sides. This knit structure enhances the fabric’s durability and stability while providing a comfortable feel against the skin. The inclusion of elastane in the fabric composition gives it excellent stretch and recovery properties. This allows the fabric to stretch comfortably to accommodate body movements while returning to its original shape after stretching, ensuring a snug and flattering fit.

Function	Test Method	Test Result
Dry Time	AATCC 201	371 sec
Push/Pull	AATCC 195	147%
Vertical Wicking	AATCC 197	178 mm
Anti-Pilling	ASTM D3512	
Anti-Snagging	ASTM D3939	



Quality  
NBEJ00015-TDFX8

Specification  
Content: 85% Recycled Polyester, 15% Elastane  
Width: 120 cm  
Weight: 160 gsm  
Gauge: E32

Details  
This heathered jersey material is perfect for stretch long and short sleeve tops. The smooth faced material feels premium in nature and the large modulus is engineered for movement beyond the norm.

Function	Test Method	Test Result
Dry Time	AATCC 201	308 sec
Push/Pull	AATCC 195	230%
Vertical Wicking	AATCC 197	193 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 4.5 W: 4.5

ACTIVE

# TurboDry Heathered Jersey





ACTIVE

# TurboDry Spacer 37.5



Quality

NT1400038-TDFX8-H21 (37.5 Version)

Specification

Content: 84% Polyester, 16% Elastane

Width 150 cm

Weight: 170 gsm

Gauge: E28

Details

This material contains 37.5 temperature regulating yarn to ensure maximum comfort in cool and warm conditions. The weight of this fabric makes it ideal for heavy leggings, joggers, or pullovers.

Function	Test Method	Test Result
Dry Time	AATCC 201	1.53 mL/hr
Push/Pull	AATCC 195	138%
Vertical Wicking	AATCC 197	204mm
Anti-Pilling	ASTM D3512	4.0
Anti-Snagging	ASTM D3939	L: 4.0 W: 3.5



Quality  
NTSP00020-TDFX8

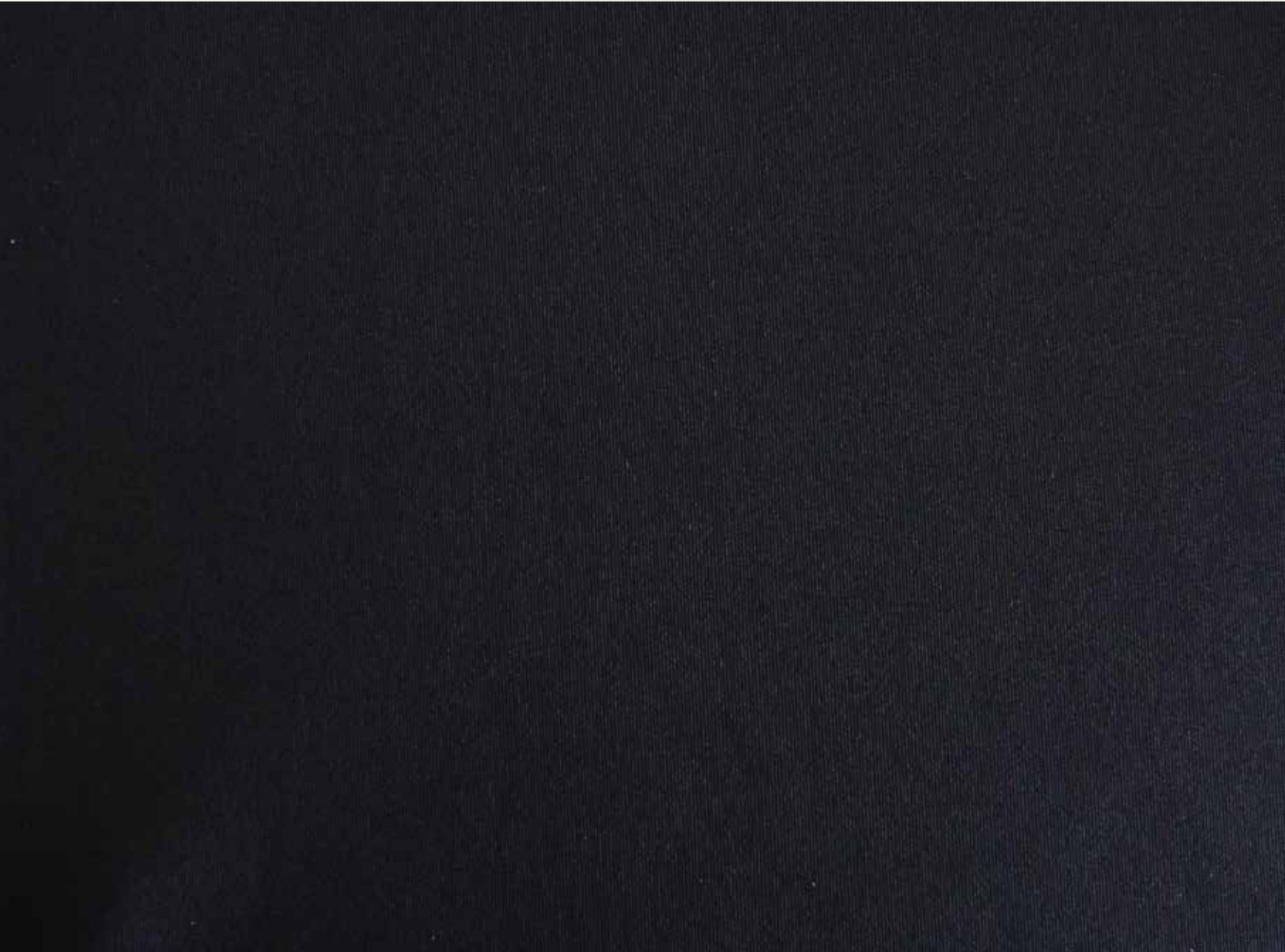
Specification  
Content: 83% Recycled Polyester, 17% Elastane  
Width: 152cm  
Weight: 205 gsm  
Gauge: E32

Details  
Spacer fabric is a three-dimensional knit consisting of two separate layers of fabric held together by a layer of spacer yarns. This construction creates air pockets between the layers, resulting in enhanced breathability, insulation, and cushioning properties.

Function	Test Method	Test Result
Dry Time	AATCC 201	1.52 mL/hr
Push/Pull	AATCC 195	319%
Vertical Wicking	AATCC 197	174 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 3.0 W: 4.0

ACTIVE

# TurboDry Spacer





ACTIVE

# TurboDry Leggings



Quality

NTED00180-TDFX3-H3

Specification

Content: 71% Polyester, 29% Elastane

Width 135 cm

Weight: 250 gsm

Gauge: E32

Details

With a high elastane content, this fabric offers excellent stretch and flexibility, allowing it to conform to the body's contours without feeling restrictive. This characteristic makes it ideal for activewear such as leggings, as it provides freedom of movement during various activities like yoga, running, or gym workouts.

Function	Test Method	Test Result
Dry Time	AATCC 201	639 sec
Push/Pull	AATCC 195	336%
Vertical Wicking	AATCC 197	191 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 4.5 W: 4.0



Quality  
NTNJ00143-TDFQ6X8

Specification  
Content: 100%Polyester  
Width: 150 cm  
Weight: 135 gsm  
Gauge: E32

Details  
This lightweight Woven-Like Knit material is a monocomponent, 100% polyester material making it an ideal candidate for recycling and upcycling.

Function	Test Method	Test Result
Dry Time	AATCC 201	307 sec
Push/Pull	AATCC 195	161%
Vertical Wicking	AATCC 197	185 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 4.5 W: 4.5

ACTIVE

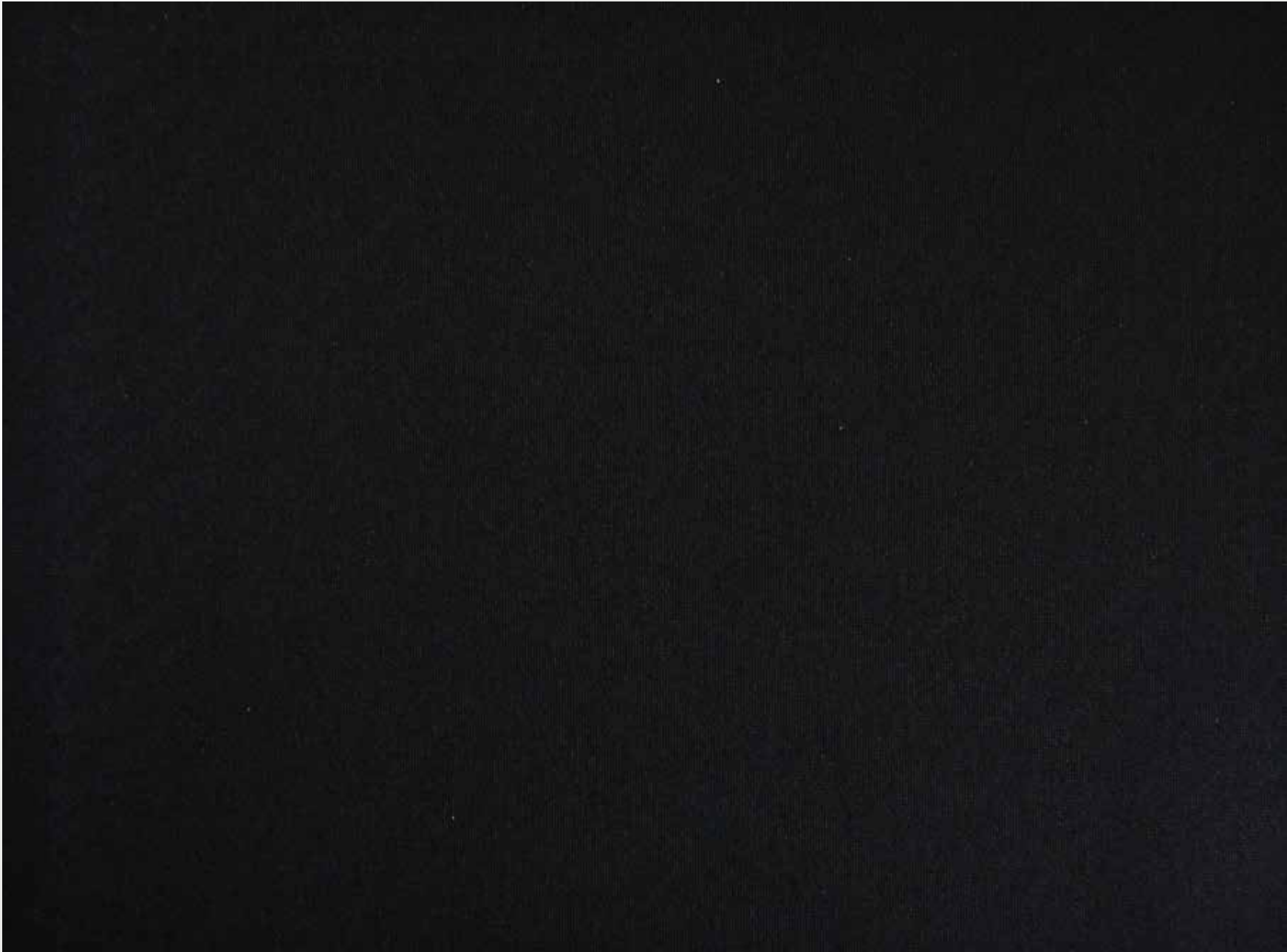
TurboDry WLK Lite





ACTIVE

# TurboDry WLK Mid



Quality

N1300000B-TDFX8

Specification

Content: 88% Nylon, 12% Elastane

Width 170 cm

Weight: 165 gsm

Gauge: E32

Details

This woven-like knit material provides a midweight bottom option for the daily commute, office, travel, and game day slacks.

Function	Test Method	Test Result
Dry Time	AATCC 201	352 sec
Push/Pull	AATCC 195	316%
Vertical Wicking	AATCC 197	
Anti-Pilling	ASTM D3512	
Anti-Snagging	ASTM D3939	



Quality  
NSP670281-TDFX5

Specification  
Content: 69% Nylon, 31% Elastane  
Width: 125 cm  
Weight: 195 gsm  
Gauge: E32

Details  
Spacer nylon legging material offers a sleek and stylish appearance, making it suitable for both workout sessions and casual wear. The combination of softness, moisture-wicking capabilities, quick-drying properties, and durability make this ideal material across many categories.

Function	Test Method	Test Result
Dry Rate	AATCC 201	1.41 mL/hr
Push/Pull	AATCC 195	383%
Vertical Wicking	AATCC 197	158 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 2.0 W: 4.0

ACTIVE

# TurboDry Nylon Spacer







Engineered yarn for quick  
moisture absorption.





**TurboDry®** **INTIMATES**





**Liner**  
**Interlock**  
**Cool**  
**Natural**  
**Jersey**  
**Spacer**





Quality  
NTEJ839535-TDFX8

Specification  
Content: 57% Recycled Polyester, 35% Polyester,  
8% Elastane  
Width: 140 cm  
Weight: 145 gsm  
Gauge: E32

Details  
This bra liner material combines moisture-wicking capabilities, breathability, softness, support, and durability to provide comfort and performance during various activities, making it an essential component for sports bras and intimates, alike.

Function	Test Method	Test Result
Dry Time	AATCC 201	262 sec
Push/Pull	AATCC 195	176%
Vertical Wicking	AATCC 197	139 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 4.0 W: 4.5

INTIMATES

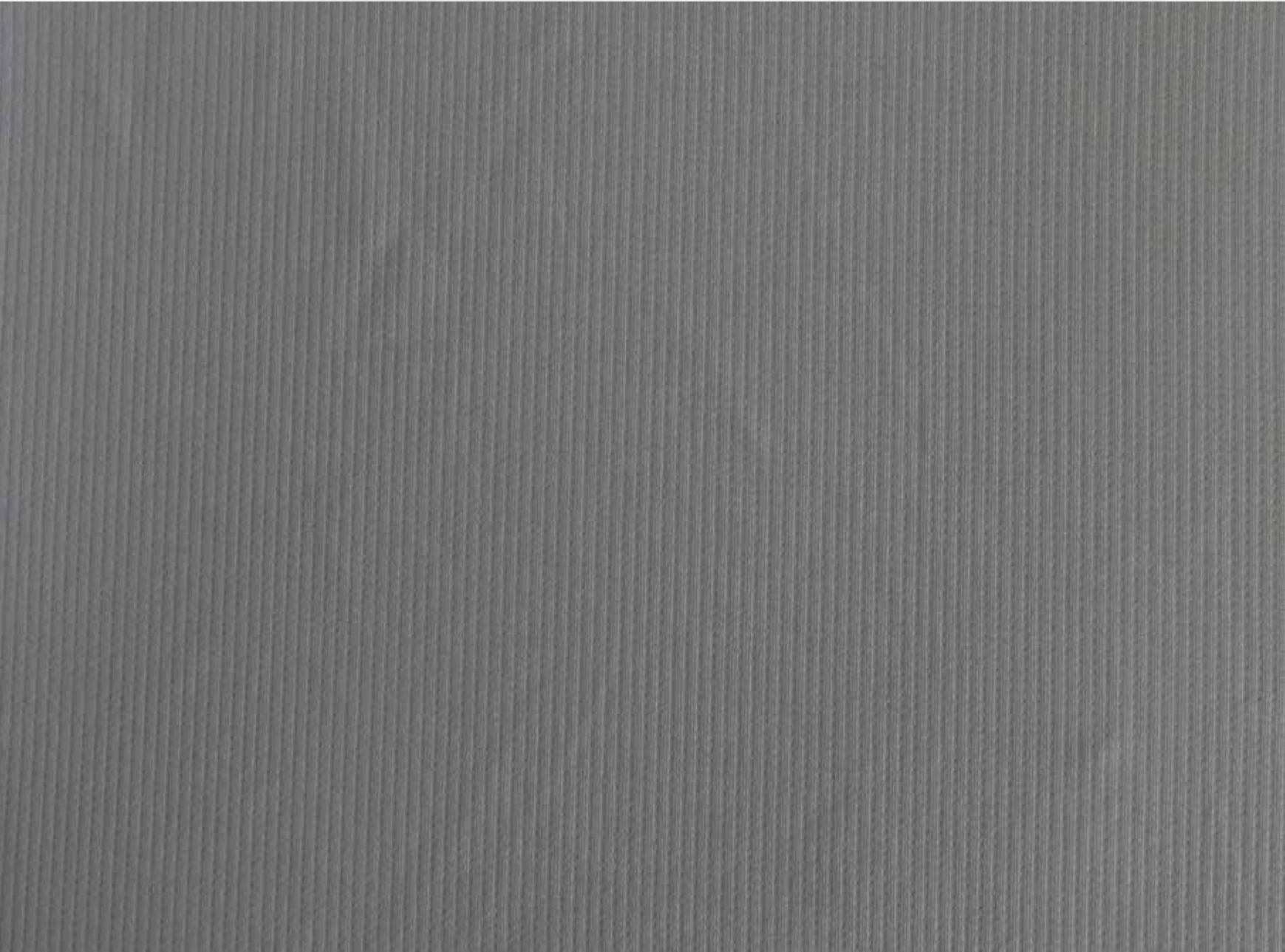
TurboDry Liner





INTIMATES

# TurboDry Interlock



Quality

NTED241212B-TDFX8

Specification

Content: 85% Recycled Polyester, 15% Elastane

Width 152 cm

Weight: 150 gsm

Gauge: E28

Details

Experience ultimate comfort and flexibility with our premium elastic interlock, specially designed for intimate apparel applications. Crafted with precision, this innovative fabric ensures a snug yet gentle fit, offering unparalleled support without sacrificing comfort. Embrace every moment in confidence with our superior material, engineered for your bras and leggings and beyond.

Function	Test Method	Test Result
Dry Rate	AATCC 201	212 mL/hr
Push/Pull	AATCC 195	301%
Vertical Wicking	AATCC 197	182 mm
Anti-Pilling	ASTM D3512	
Anti-Snagging	ASTM D3939	L: 3.5 W: 4.0



Quality  
NED00121-TDFX1

Specification  
Content: 81% Nylon, 19% Elastane  
Width: 140 cm  
Weight: 260 gsm  
Gauge: E32

Details  
This fabric strikes the balance between comfort, support, breathability, and aesthetic appeal to create a well-fitting and flattering garment. The inherent wicking performance ensures comfort across all applications in intimates.

Function	Test Method	Test Result
Dry Time	AATCC 201	856 sec
Push/Pull	AATCC 195	441%
Vertical Wicking	AATCC 197	193 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 4.0 W: 4.5

INTIMATES

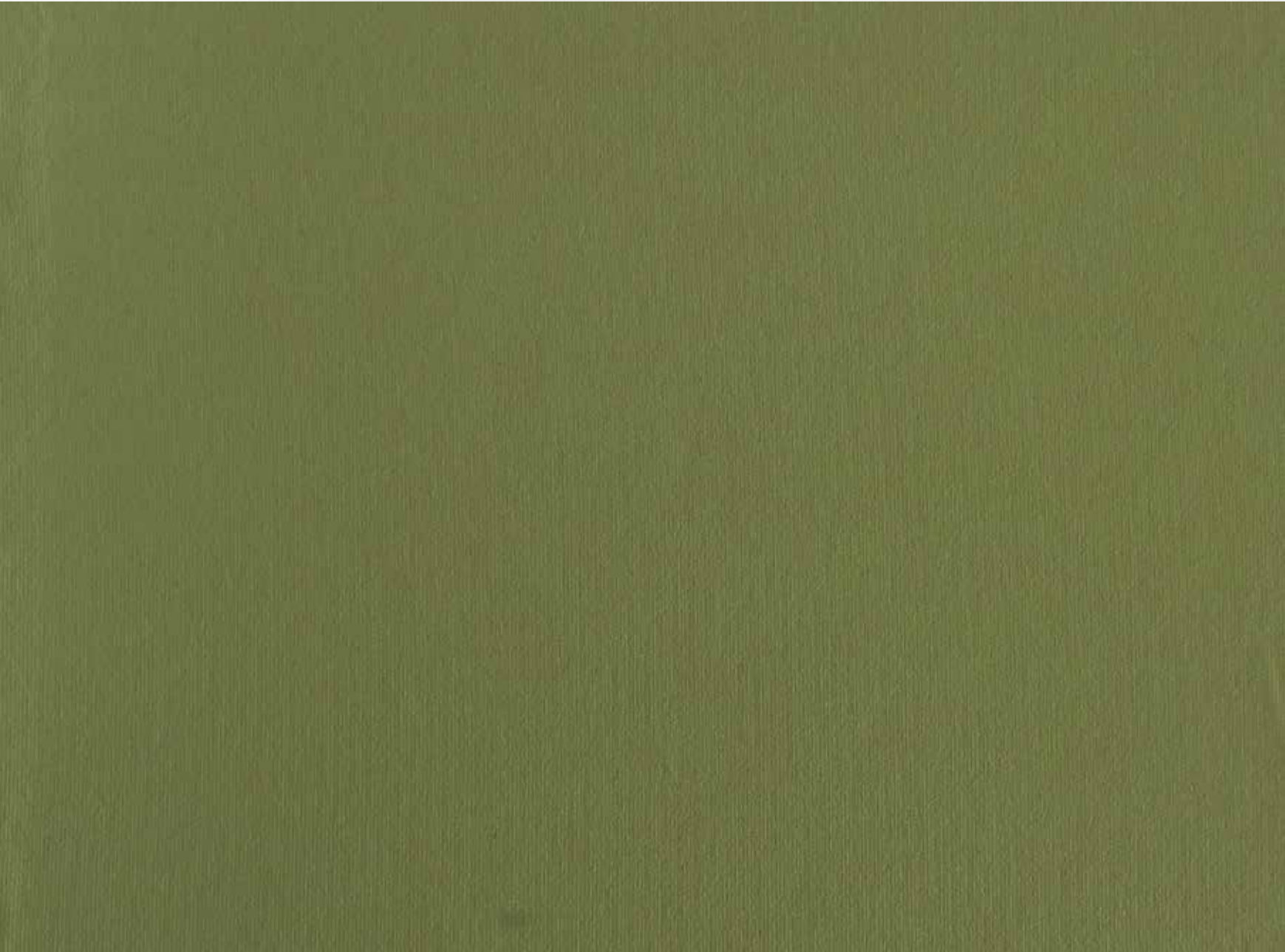
TurboDry Cool Bra Body





INTIMATES

# TurboDry Cool Interlock



Quality

NED503925-TDFX1

Specification

Content: 82% Nylon,18% Spandex

Width: 150 cm

Weight: 160 gsm

Gauge: E32

Details

Overall, lightweight nylon liner fabric offers a combination of durability, breathability, moisture management, and versatility, making it a practical choice for lining various garments and accessories. Its lightweight nature ensures comfort and ease of wear, while its durability and performance properties enhance functionality and longevity.

Function	Test Method	Test Result
Dry Time	AATCC 201	392 sec
Push/Pull	AATCC 195	206%
Vertical Wicking	AATCC 197	189 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 2.0 W: 4.0



Quality  
NKAED00037-TDVFX3

Specification  
Content: 68% Cotton, 26% Polyester, 6% Elastane  
Width: 165 cm  
Weight: 150 gsm  
Gauge: E32

Details  
This interlock fabric is backed with a synthetic to ensure moisture management performance, while the face side is knit with cotton to ensure a smooth soft hand.

Function	Test Method	Test Result
Dry Time	AATCC 201	422 sec
Push/Pull	AATCC 195	308%
Vertical Wicking	AATCC 197	164 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 4.0 W: 4.0

INTIMATES

TurboDry Natural





INTIMATES

TurboDry Single Jersey



Quality

TEJ90873-TDFX8-A2/NTEJ797992-TDFX8-B2

Specification

Content: 94% Polyester, 6% Elastane

Width 155 cm

Weight: 150 gsm

Gauge: E28

Details

Polyester jersey liner material is lightweight, making it suitable for use as a lining in various garments and accessories. Its lightness adds minimal bulk to the overall garment while providing a comfortable inner layer.

Function	Test Method	Test Result
Dry Time	AATCC 201	307 sec
Push/Pull	AATCC 195	123%
Vertical Wicking	AATCC 197	187 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: W: 4.0



Quality  
NKASP00038-TDFX8

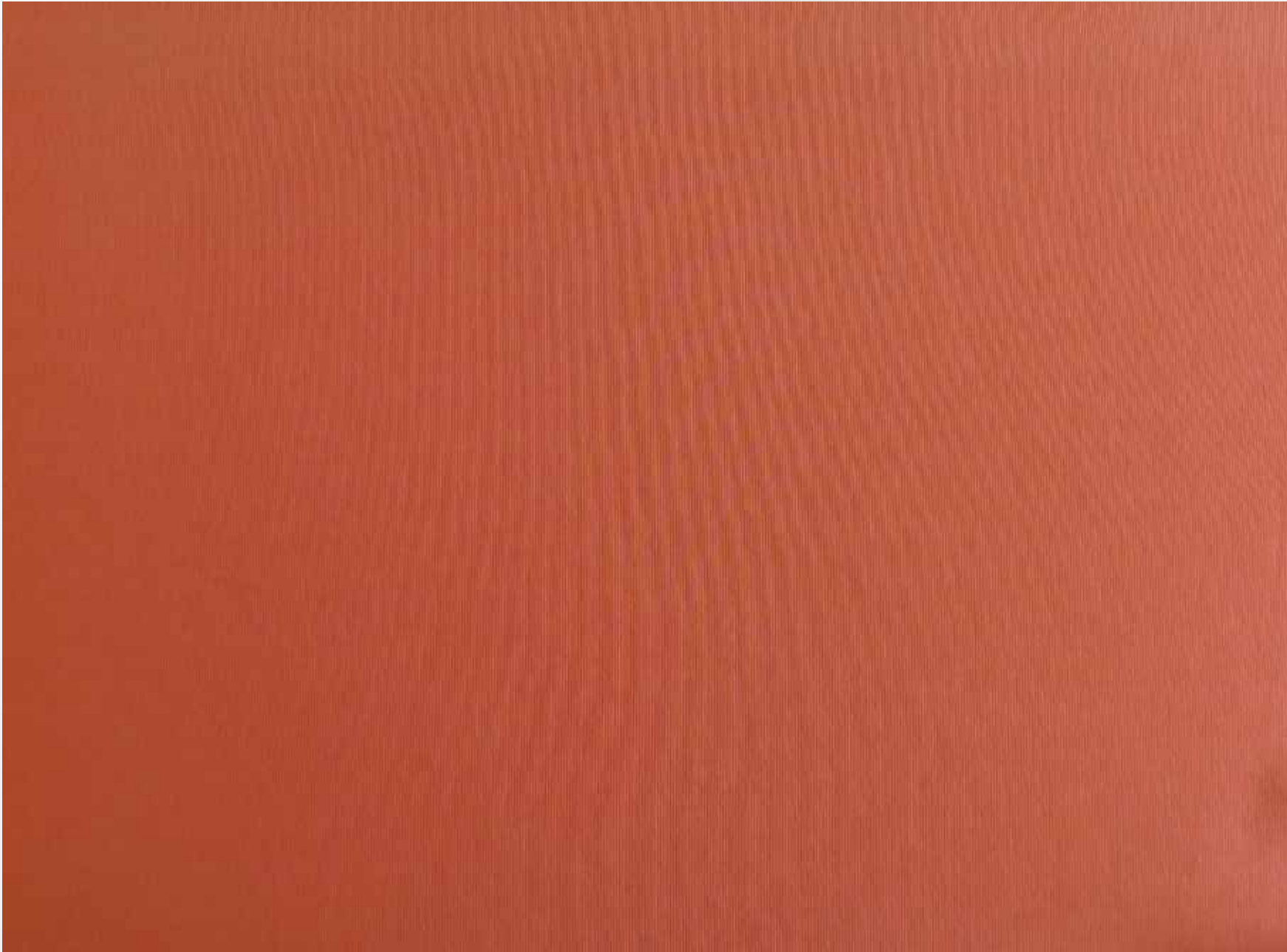
Specification  
Content: 23% Recycled Polyester, 59% Micro modal  
18% Lycra  
Width 150 cm  
Weight: 170 gsm  
Gauge: E32

Details  
With a significant elastane content, this spacer fabric offers excellent stretch and flexibility, allowing it to conform to the body’s movements without feeling restrictive while the natural fibers provide a soft smooth hand perfect for underwear.

Function	Test Method	Test Result
Dry Time	AATCC 201	476 sec
Push/Pull	AATCC 195	284%
Vertical Wicking	AATCC 197	156 mm
Anti-Pilling	ASTM D3512	4.5
Anti-Snagging	ASTM D3939	L: 2.5 W: 3.5

INTIMATES

TurboDry Spacer Natural





# TurboDry®

TurboDry® is manufactured in bluesign® and Oke-TEK® Standard 100 certified mills.



**OEKO-TEX®**  
INSPIRING CONFIDENCE



The logo features a stylized 'T' composed of two overlapping curved segments, one light blue and one dark blue, forming a circular shape.

# Turbodry®

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