



INNOVATE



SUSTAIN



EXCEL



ComFit stress-free spandex

Soft power but firm Grip!

மொபிலான் ஓரிழைப் பாரியூரெத்தேன் (ஸ்பேண்டெக்ஸ்) நூல்

Mobilon Mono Filament Polyurethane (Spandex) Yarn

ஐப்பானியத் தொழில்நுட்பத்தில், நிஷின்போ நிறுவனத்தில் உற்பத்தியாகின்றது.

Manufactured by Nisshinbo Corporation using advanced Japanese technology.

- உயர்தரம் • உன்னதம்
- Superior Quality • Supreme Excellence



ECO-SET heat setting: LOW TEMPERATURE HEAT SETTABLE 170 DEG C. X 60 seconds
Excellent heat fusion | SOLVENT FREE (No DMF used) melt spun technology

MOBILON® - an eco-friendly spandex's benefits:



360 degrees stretch knits



minimal edge curling



good for bra cup moulding fabrics



bouncy and soft touch



FREECUT / RAW EDGE knits possible (NO MARK undergarments)



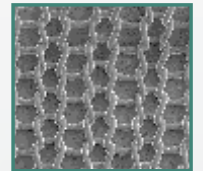
better dimensional stability esp., in Tencel Modal, Viscose, Bamboo etc.,



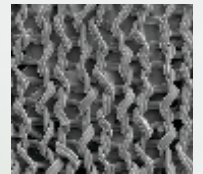
MOBILON is spandex manufactured by an environmentally friendly melt spinning method. The fabric using MOBILON fits the movement of your body with its smooth elasticity and gentle recovery.



Made in Japan
Nisshinbo Textile Inc.



Heat-fusing MOBILON®

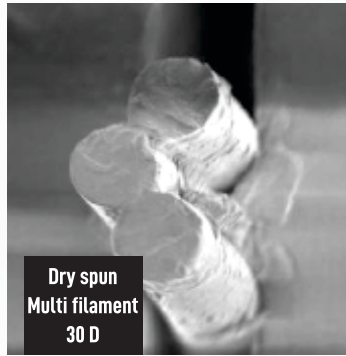
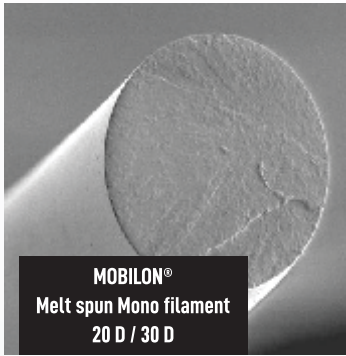


Normal Spandex

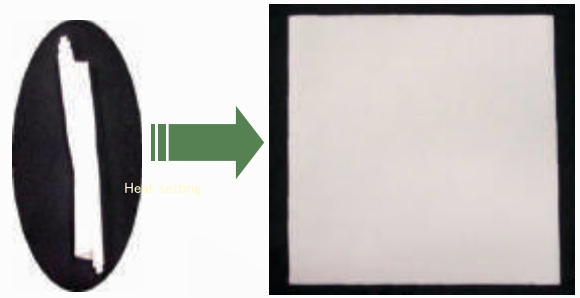


OEKOTEX Class1 certified
Good for kidswear fabrics

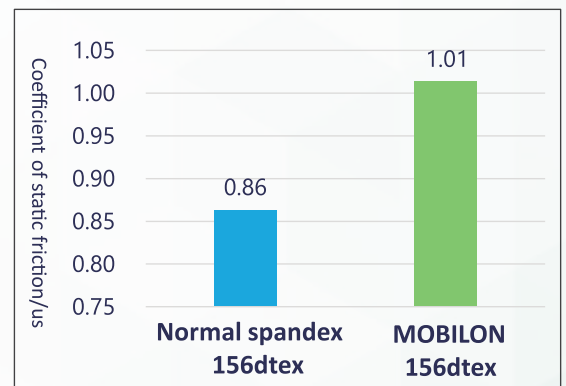
- Mono filament



- Shrink proofing performance

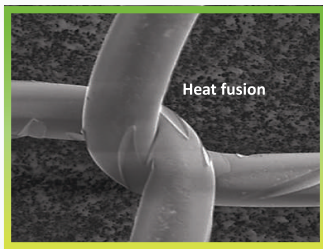


- Anti-slip Feature

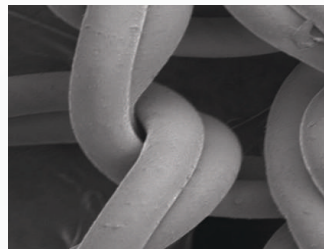


Method JIS K 7125
Normal material is under 1.0. Anti-slip Effect (GRIP) on Skin is better in MOBILON®

- Effective Heat Fusion

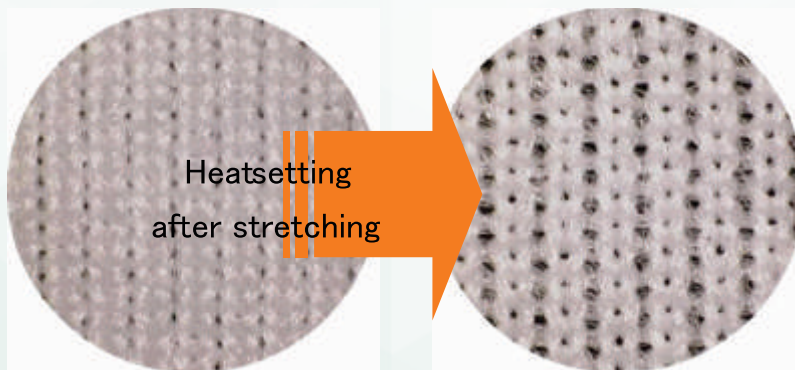


MOBILON®

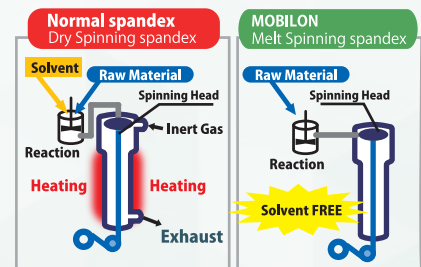


Normal spandex

- Change weight per square-meter freely



- Solvent Free Material



MOBILON is environmentally friendly without using solvent, It will greatly reduce CO₂ emission comparing to dry spinning process



- Biomass Material

Use of plants derived material more than 25%. Promoting BIOMASS products in every line up.



- Recycled Material

Use of waste more than 20% at our plant. Intending recycle of waste at customers in future

Features of MOBILON®



Stress-free



Heat-fusing performance



Shrink proof performance



Heat setting at lower temperature



Solvent free



OEKO-TEX® certification

THINK COMFORT WEARS, THINK HILLSILVER

NO MARK BRIEFS & BOXERS

UNDERGARMENTS FOR FEMALE & MALE

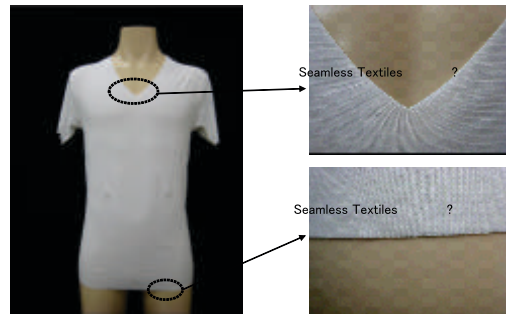
MOBILON® FREE CUT-INTIMATE WEAR



None Ravel



Heat fusing



FREEDOM FROM WAIST BAND ELASTIC BITE MARKS

No Waist Elastic

Reduces the feeling of constriction caused by the waist elastic

Cut off Waist and Hem

Even if you wear it under tight bottoms, It wont make any noise

Groin not Constrain

There is no rubber in the groin area, reducing pain and Itching

Exquisite Fit

The entire fabric fits perfectly and is stable without being constricting

Smooth to Touch

87% Modal Micro [Cellulose]
13% Mobilon spandex



OEKO TEX® Standard 100 Certified

MOBILON® ITEM LIST

TYPE	R	R-L	R-LL	K	K-L	KC	K-LC
Feature	Fusion	Fusion	Fusion	Regular	Fusion	Regular + Dope Dyed Black	Fusion + Dope Dyed Black
Heat fusing condition (Wet heat setting)	170° C x 60 sec	150° C x 60 sec	130° C x 60 sec	X	120° C x 20 sec	X	120° C x 20 sec
Dtex	22 dtex	22 dtex	-	22 dtex	11 dtex	-	-
	33 dtex	33 dtex	33 dtex	-	17 dtex	-	-
	44 dtex	44 dtex	-	44 dtex	22 dtex	-	22 dtex
	78 dtex	78 dtex	-	78 dtex	33 dtex	-	-
	-	-	110 dtex	110 dtex	44 dtex	110 dtex	44 dtex
	156 dtex	-	-	156 dtex	56 dtex	156 dtex	-
	-	233 dtex	-	-	78 dtex	-	-
	-	-	-	311 dtex	-	311 dtex	-
	-	-	-	470 dtex	-	470 dtex	-
Chlorine Resistance	Alkali resistance®	Alkali resistance®	Alkali resistance®	Chlorine resistance®	Chlorine resistance®	Chlorine resistance®	Alkali resistance®
Recommended Yarn	Cotton, Rayon, Polyester, Nylon, Etc.,	Acrylic, Wool, Etc.,	Whole	Whole		Whole	Whole

* Heat fusing condition is different from kind of front thread fiber dtex and density of fabric.

- From 12 December 2024, DMF will be on the list of restrictions in the REACH regulation and dry spandex will not be available in Europe. "Solvent-free MOBILON® can be sold in Europe."
- The use of DMF, which is used as a solvent in the manufacture of much dry spandex, is regulated in the European Union.
- DMF is known to be toxic to the human body, and restrictions on its use have been strengthened from the standpoint of protecting workers at industrial sites.
- DMF a banned hazardous chemical is used in other spandex of dry spun technique but MOBILON® is DMF Free



Stocks available in warehouse at Erode, Tamil Nadu

Packaging :

20D	421g x 48 spools	20.208 Kg
30D, 40D, 70D	450g x 48 spools	21.600 Kg

for more details : Ms Vidhya, +91 75986 26711



HILLSILVER EXPORTSS

67, Texpark, Kaalapatti Road, Civil Aerodrome Post,
Coimbatore - 641 014, Tamil Nadu, INDIA
alakan@hillsilver.com, www.hillsilver.com

for more details:

+91 99944 26711
+91 75986 26711

