



ComFit stress-free spandex

Soft power but firm Grip!

ஓரிழை  
ஸ்பாண்டக்ஸ்

MONOFILAMENT SPANDEX

ஹில்சில்வர் எக்ஸ்போர்ட்ஸ்



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)



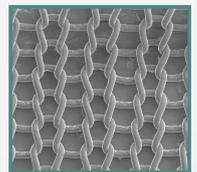
better dimensional stability esp., in Tencel Modal, Viscose, Bamboo etc.,



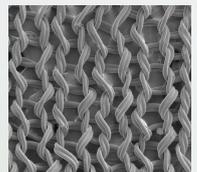
MOBILON is spandex manufactured by an environmentally friendly melt spinning method. The fabric using MOBILON fits the movement of your body with its smooth elasticity and gentle recovery.



Made in Japan  
Nisshinbo Textile Inc.



Heat-fusing MOBILON®

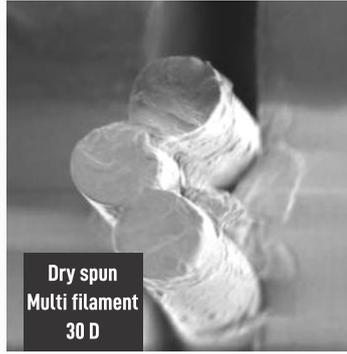
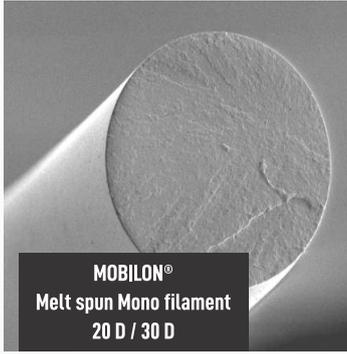


Normal Spandex

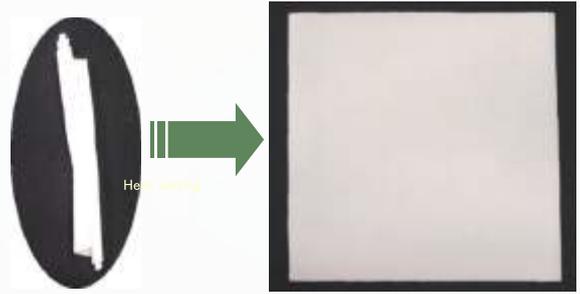


OEKOTEX Class1 certified  
Good for kidswear fabrics

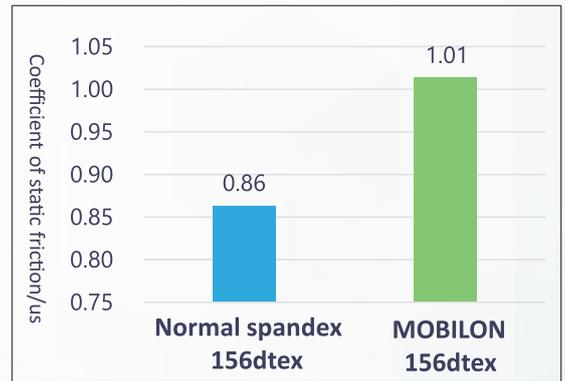
- Mono filament



- Shrink proofing performance

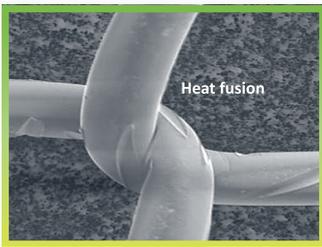


- Anti-slip Feature

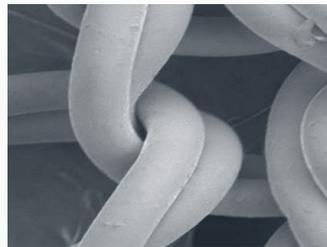


Method JIS K 7125  
Normal material is under 1.0. Anti-slip Effect (GRIP) on Skin is better in MOBILON®

- Effective Heat Fusion

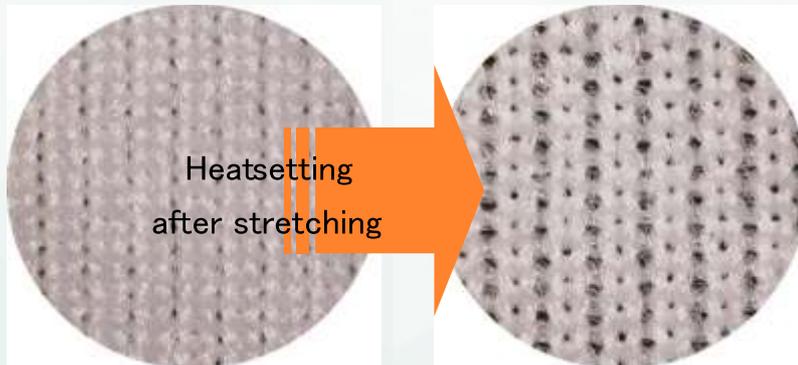


MOBILON®

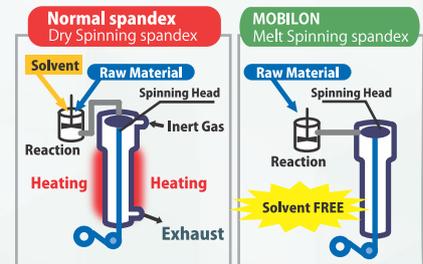


Normal spandex

- Change weight per square-meter freely



- Solvent Free Material



MOBILON is environmentally friendly without using solvent, It will greatly reduce CO<sub>2</sub> 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

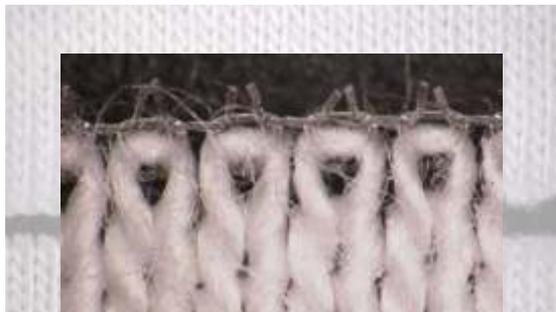
# NO MARK BRIEFS & BOXERS

UNDERGARMENTS FOR FEMALE & MALE

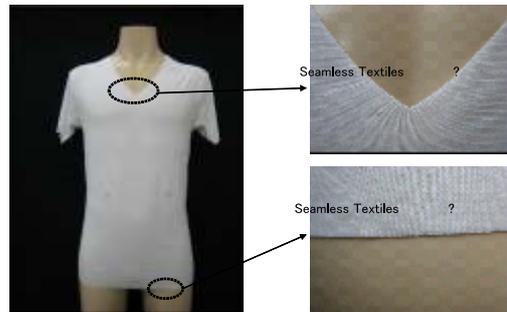
MOBILON® FREE CUT-INTIMATE WEAR



## 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                                       |  |                  |           |