



## Yarn Technical Data Sheet

### FITWOOL 4300

Last update: 12.06.2023

<b>Count</b>	<b>Gauge</b>
Nm 4300	5/7
<b>Composition</b>	
70% organic cotton - 17% Merino wool - 12% polyamide - 1% elasthan	
<b>Shade Card</b>	
FITWOOL 3.0	
<b>Description</b>	<b>Colors</b>
Elastic blend	20
<b>Customer Color</b>	
yes	
<b>Availability</b>	<b>Raw</b>
on request	no
<b>Kg Minimum</b>	
6	

<b>Pilling (ISO 12945-1:2002)</b>	<b>Flammability</b>
4	
<b>Unit Weight (g/m2)</b>	<b>Wastage (%)</b>
	5
<b>Conventional standard conditioning (%)</b>	
9,68	
<b>Average applied conditioning (%)</b>	
5,00	
<b>Suggested International Symbols</b>	



#### End Uses

Tricot



Requirements	Discharge on cotton	Color changing
Color fastness to washing in water 40° (ISO 105/C06)	4	4
Color fastness to dry cleaning (ISO 105/D01)	4	4
Color fastness to acid-basic sweat (ISO 105/E04)	4	4
Color fastness to rubbing (ISO 105/X12)		
Dry	4	
Wet		
Light	3/4	
Medium-dark	2/3	
Black	2/3	
Melange light		
Melange medium-dark and grey		
Color fastness to light (ISO 105/B02)		
Light		3/4
Medium-dark		4

#### Certifications



#### Special Cares

Shade card colors should be considered just as an indication. Color shade reproducibility might undergo certain limitations due to GOTS regulation restrictions. Extremely linear and slippery yarn: in order to reduce possible irregularities of the surface, we recommend to check on the machines that tensions and yarn passages are adequately set. 1 or even 2 knots for cone have to be considered acceptable, therefore a waste of 5% must be considered.

#### SPECIAL ATTENTION

- The yarn is in compliance with the REACH Regulation (1907/2006).
- If this yarn is used for stripes, with white or contrasting colors and/or for wholegarment please specify with the order proposal, in order to verify the possibility of doing it.
- We recommend to test different colors which can be representative for bulk production. Different colors may require adjustments relating knitting and finishing process.
- Knitting: please ensure a perfect functioning of the machine. Use of electronic feeded machines is highly recommended. When starting to knit a different batch it is recommended to check new outcome and se the tightness of needles to adjust possible differences.
- No claims can be accepted on knitted panel for more than kg 5 of each dye lot, and in no case on finished garments.
- The RAW-WHITE variant has a different behavior compared to the dyed colors as it didn't undergo the dyeing process and can therefore show variations in shade from one lot to another.