



Yarn Technical Data Sheet

Last update: 21.11.2023

HEMPATHY 2/35

Count	Gauge
Ne 21/2 - Nm 2/35	12
Composition	
55% hemp - 45% cotton	
Shade Card	
HEMPATHY 3.0	
Description	Colors
Natural identity	30
Customer Color	
yes	
Availability	Raw
on request	yes
Kg Minimum	
8	

Pilling (ISO 12945-1:2002)	Flammability
3	Class 1 - not inflame
Unit Weight (g/m2)	Wastage (%)
	4
Conventional standard conditioning (%)	
10,40	
Average applied conditioning (%)	
3,00	
Suggested International Symbols	



End Uses



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	2/3	
Melange medium-dark and grey	2/3	
Color fastness to light (ISO 105/B02)		
Light		3/4
Medium-dark		4

Certifications



Special Cares

The yarn shows the typical irregularities of the hemp: we advise the use of 2 or more thread guides in order to reduce possible an even aspect. The hemp cultivation is very sensible to weather conditions and for this reason quality and aspect variations must be taken into account over the time. Yarn subject to different shrinkage depending on color; before knitting each lot, we recommend to test machine settings to make sure they are suitable for obtaining the desired garment size. We recommend frequent machines cleaning to avoid dust accumulation. It is recommended to store and process yarn with hemp content in a properly humidified room. A dry yarn could have less elasticity, worse performance during knitting and qualitative issues. Not having undergone any dyeing treatment, the RAW WHITE variant has a different behavior from dyed colors; continuity of color and appearance cannot be guaranteed from lot to lot, therefore variations in tone and effect must be foreseen and accepted as a characteristic of the yarn naturality.

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 see 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.