

# FACTSWOOL südwolle group

## What is wool?

Wool is the fine, soft curly or wavy fibre forming the coat of a sheep, goat, or similar animal, especially when shorn and prepared for use in making cloth or yarn.  
Nature's technology: Both simple and genius!

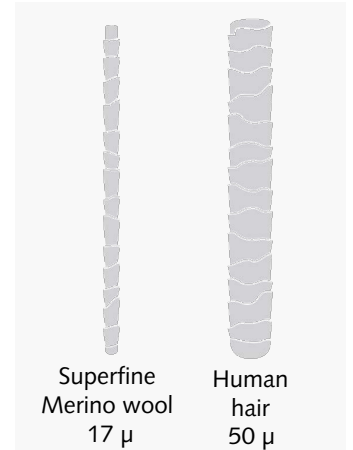
There are two classifications of wool that we supply from.

### Merino wool

Fineness: approx. 23 µm and finer  
Fibre length: 55 - 75 mm  
Crimp: strong  
Brightness: low

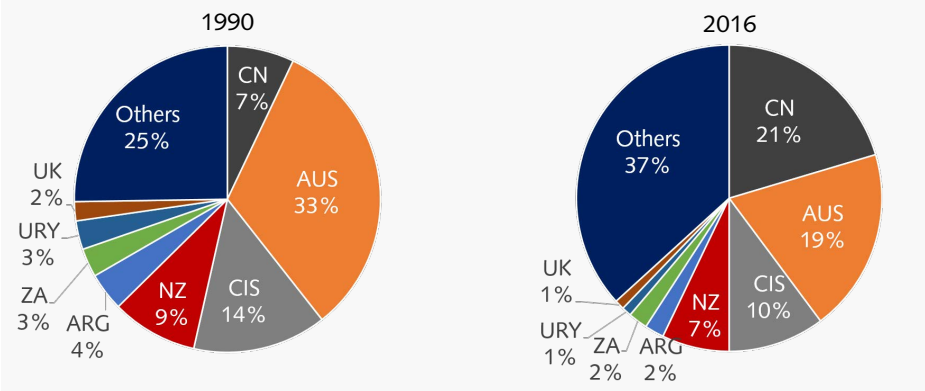
### Crossbreed wool

Fineness: approx. 25 µm and coarser  
Fibre length: 70 - 150 mm  
Crimp: moderate  
Brightness: moderate



## World wool production development

(per country, greasy)



## The wool supply chain



**südwolle group**



## Why wool?



Thermoregulation



Anti-odour



UV protection



Renewability



Softness



Biodegradability



Felting



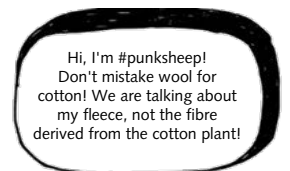
Flame retardant



Hydrophobicity



Moisture management



# FACTS WOOL

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## Worldwide capacity

in greasy wool  
p.a. 2,1 bn kg

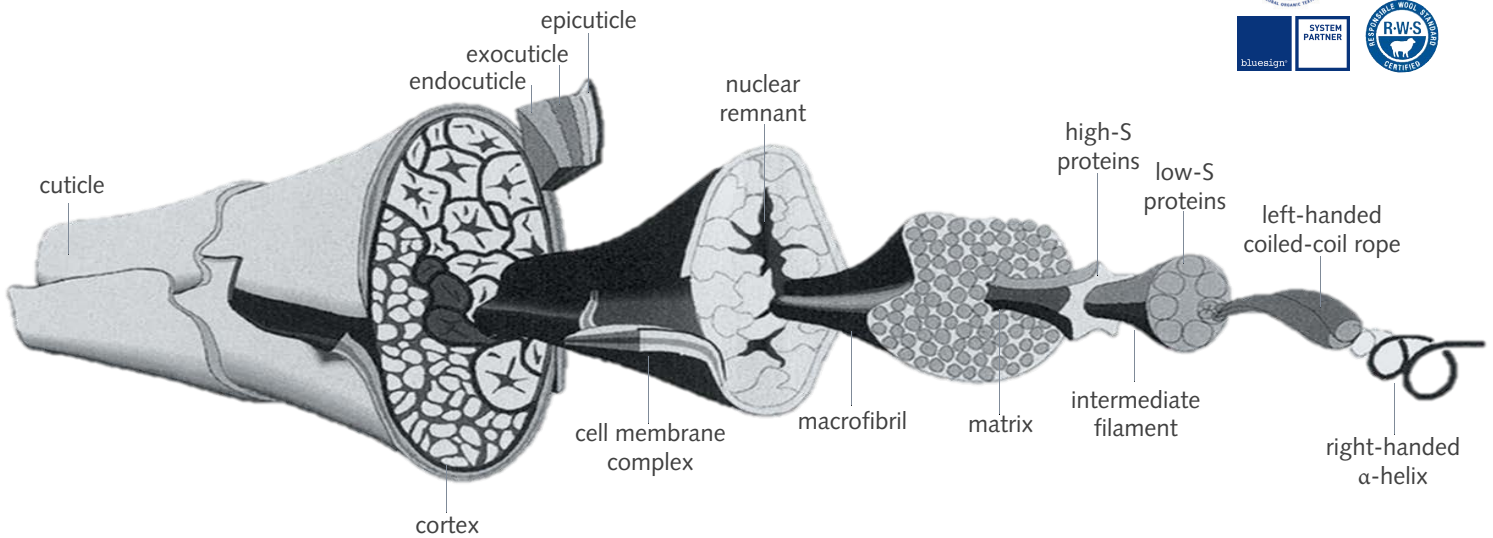
## Characteristics

Elasticity: 60 - 70%  
Crease resistancy  
Breaking strength: 1,0 - 1,6 cN/dtex

## Treatment possibilities

untreated  
Superwash  
Total Easy Care (TEC)  
X-CARE®  
Naturetexx® Plasma

## Certificate options



## Yarn counts

up to Nm 120

## Exemplary blend partners

Natural fibres like mohair, cashmere, silk, cotton or linen.  
Man-made fibres like aramids, polyamide, viscose, Lenzing™  
Lyocell, acrylic or polyester

## End uses



## Wool FAQs

### How much quantity is lost from greasy to clean wooltop?

Approximately 65% of the sheep's greasy wool remains when the wooltop is cleaned and ready for processing.

### Is wool only for the winter season?

No! Wool provides amazing thermoregulation and moisture management properties making it the perfect year-round fibre! Try a wool shirt for your next workout and you will never go back to any other material.

### How much wool does one sheep have?

Depending on race, origin and environmental factors one sheep produces approximately four to seven kg of wool per year.

### Can I wash my wool garment?

Thanks to the broad range of treatment possibilities we offer, for example Total Easy Care or non-chlorine ones like X-CARE® and Naturetexx® Plasma you can machine-wash your garment following the care instructions.  
No more surprises on laundry day!

Did you know?  
You can get 50 pairs of socks out of one sheep's fleece!

