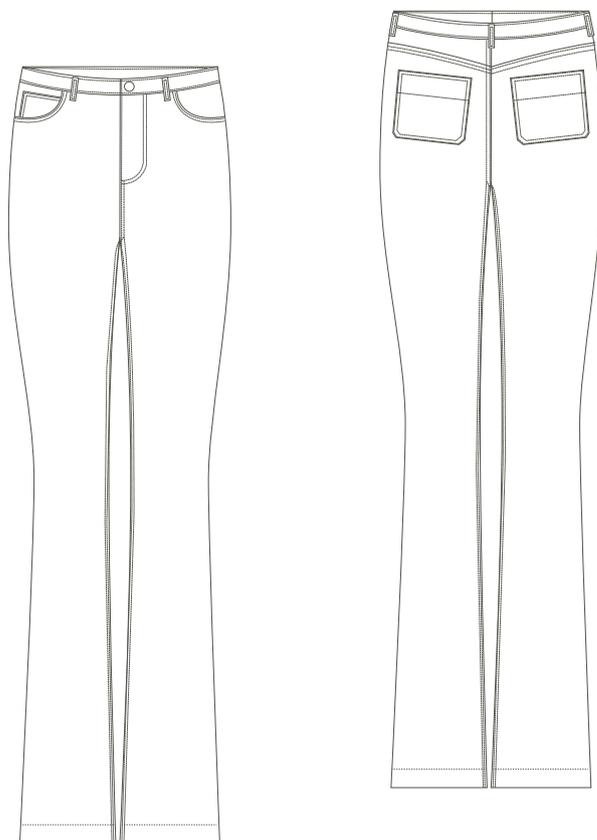


rachel kollerup is a Danish fashion brand with sustainable values and concern for nature. The collection is designed to be used over and over again and with an eye for many possible combinations of the clothes. All styles are designed and environmentally improved on the basis of an life cycle assessments of the collection

The environmental profile is based on a Life Cycle Assessment Screening using generic data from GaBi 6. All calculations are done by FORCE Technology, Department of Applied Environmental Assessment. For further information regarding the calculation, see separate background document.



Style informations

Style	b2
Designer	Rachel Kollerup
Size	36, 38, 40
Colour	Blue

Textile informations

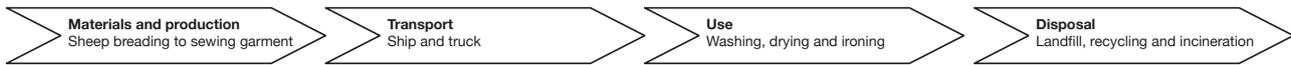
Quality	CO/LY/EA (68/30/2)
Fabric	ROYO YANG
Fabric origin:	Spain
Pockets	CO (100)
Lining origin	India
Stitching	Polyester
Sewing production location	OÜ PORTEX, Estonia
Percentage Recycled Materials	0%
Total weight	0,52 kg

Special features

Buttons	Metal, 1 pc
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Environmental profile

Life cycle of garment

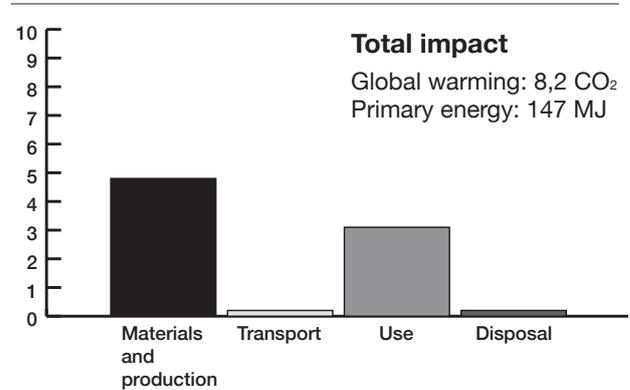


Environmental calculations and assumption

Lifetime	3,5 years
Days of use	80 per year
Cleaning method	16 washes and 8 ironings per year
End of life	0% recycled, 50% incinerated, 50% landfilled

The lifetime and use related actions e.g. frequency of washing, dry cleaning, drying etc. are assessed on the basis of a short questionnaire conducted in spring 2014 with a total of 31 respondents.

Global warming - kg CO2 emission



How much is 8,2 kg CO2 emissions from the textile life cycle? Compare it to various CO2 emissions

Style b2 jeans	8,2 kg CO ₂
52 km in a ordinary passenger car	8,2 kg CO ₂
46 one liter water bottles produced	8,2 kg CO ₂
2144 hours of illumination of the light bulb (10W)	8,2 kg CO ₂
2,4 years standby consumption from TV	8,2 kg CO ₂

Environmental advantages of this design

The most prominent environmental attribute is the classic timeless design which ensures a long lifetime of the product. Another important advantage of this design is the self-cleaning feature of the wool with ensures minimal environmental impact from washing processes.

The durability of both the fabric and the sewing hinders early obsolescence.

How to minimise the environmental impact

The user of this design have a large influence on the overall environmental impact.

Become more sustainable by...

- Follow the cleaning advices below
- Wear it often and do not by similar clothes
- Repair the clothes if needed
- Sell it or give it for charity when you need to dispose of it

When to wash

There is a stain on my jeans	Remove the stain with a damp cloth instead of washing
I have used my jeans a few times, but they are not visible dirty	Hang them outside overnight for airing
My jeans are visible dirty	Wash them in a mashine on 30 degrees
How to dry my jeans	Shake your jeans after washing, either hang them with pegs or lie them over your drying rack to avoid creases
Ironing	Make sure your iron is not warmer than step 2 level for wool fabric. To protect the fabric you can steam the jeans holding the iron 5 cm from the fabric. Ironing only needed after wash, as your body heat will naturally keep your dress unwrinkled