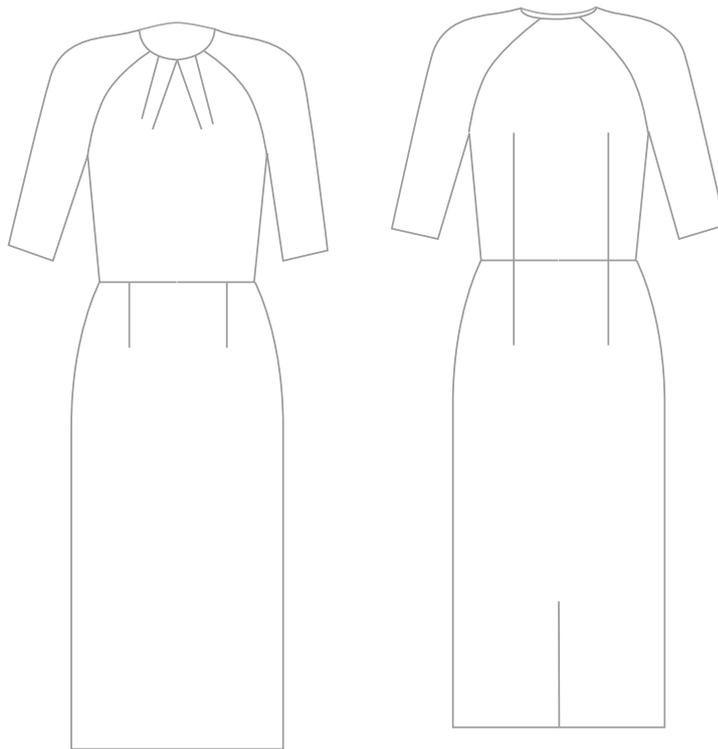


Environmental profile

rachel kollerup

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	d3b
Designer	Rachel Kollerup
Size	36, 38, 40
Colour	Grey

Textile informations

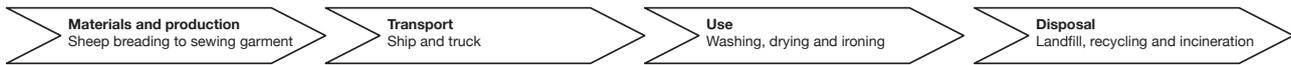
Quality	WO/PA/EA (74/24/2)
Fabric	ALFA-FI ART STACY
Fabric origin:	Italy
Lining	Viscose
Lining origin	Unknown
Stitching	Polyester
Sewing production location	OÜ PORTEX, Estonia
Percentage Recycled Materials	74%
Total weight	0,55 kg

Special features

Zipper	YKK
Metal buttons for cuffs	8 pc

Environmental profile

Life cycle of garment

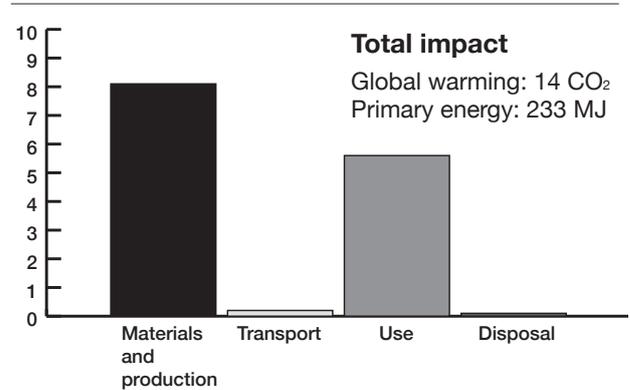


Environmental calculations and assumption

Lifetime	5 years
Days of use	48 per year
Cleaning method	6 dry clean and 6 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 14 kg CO₂ emissions from the textile life cycle? Compare it to various CO₂ emissions

Style d3b dress	14 CO₂ -kg
km in a ordinary passenger car	88 km
Liter bottle of water produced	77 bottles
Hours of illumination of the light bulb (10W)	3632 hours
Standby consumption from TV	4,1 years

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 which 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 dress	Remove the stain with a damp cloth instead of washing
I have used my dress a few times, but it is not clearly dirty	Hang it outside for the night for refreshment
My dress are clearly dirty	To keep the dress in the ultimate shape, it is to be dry cleaned
How to dry my dress	-
Ironing	None or just a light ironing will be needed. Make sure your iron is not warmer than step 2 level for wool fabric. To protect the fabric you can steam the dress 5 cm from the fabric instead.