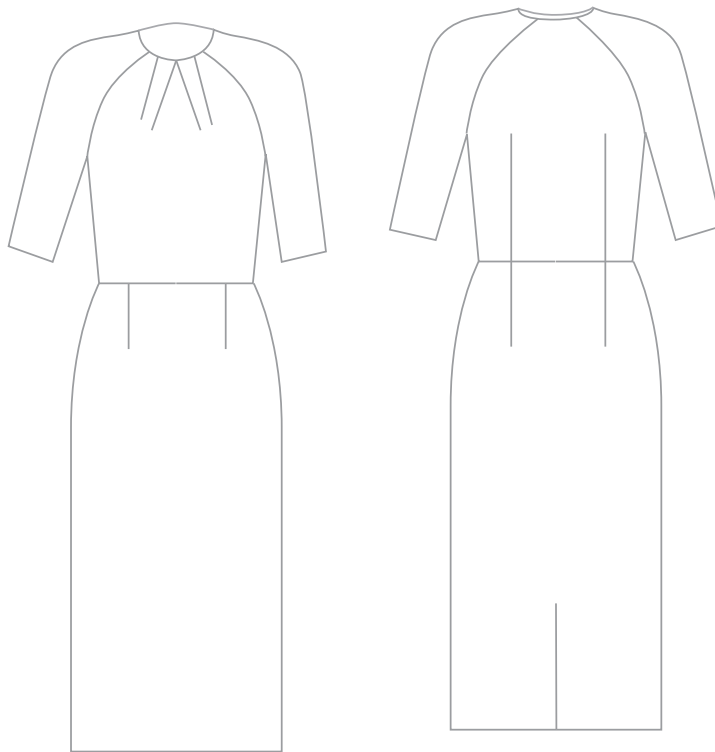


Environmental profile

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

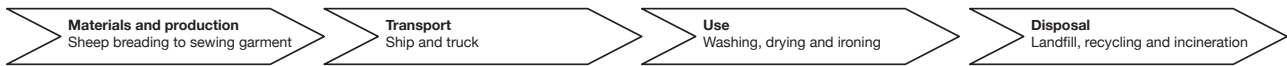
| | |
|--------------------------------------|---------------------------|
| Quality | WO/PA/EA (74/24/2) |
| Fabric | ALFA-FI ART STACY |
| Fabric origin: | Italy |
| Lining | Viscose |
| Lining origin | Unknown |
| Stitching | Polyester |
| Sewing production location | OÜ PORTEX, Estonia |
| Percentage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

Special features

| | |
|--------------------------------|-------------|
| Zipper | YKK |
| Metal buttons for cuffs | 8 pc |

Environmental profile

Life cycle of garment

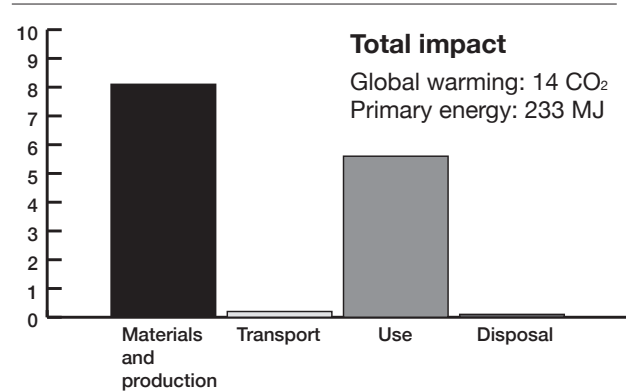


Environmental calculations and assumption

| | |
|------------------------|---|
| 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. |