



Jeans

Product Category: Clothing

Specifications:

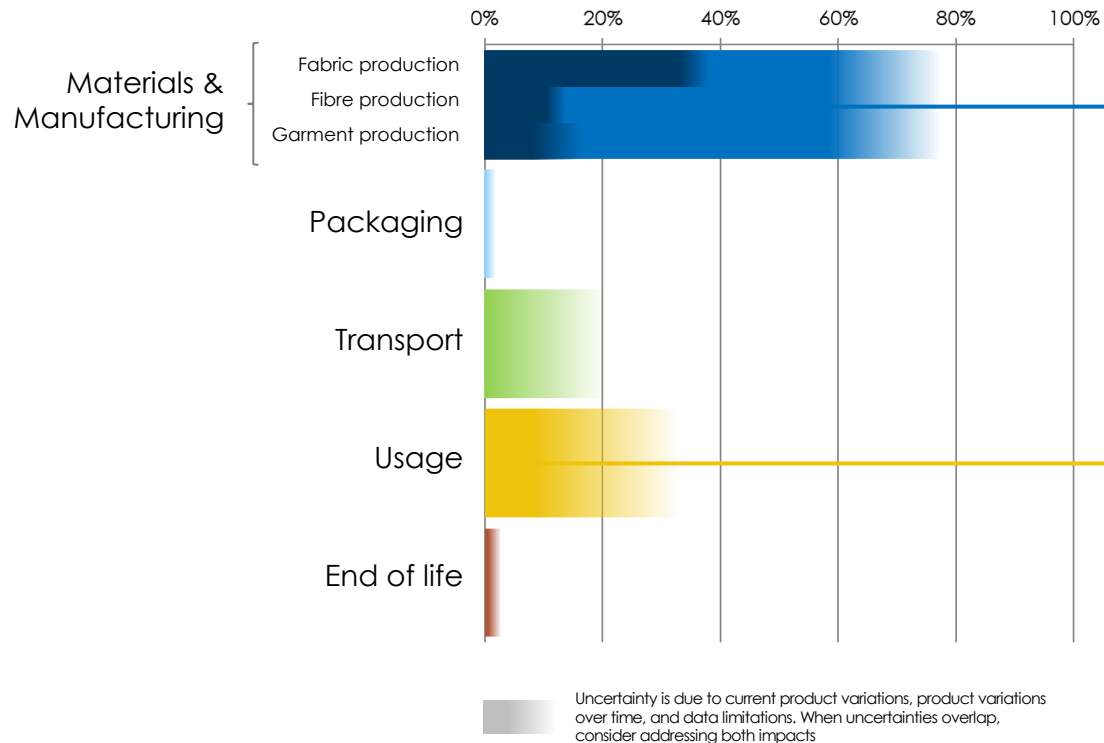
- Weight: 1 lbs
- 98% cotton & 2 % elastane

Lifetime: 1 – 10 years; wears before disposal

Usage: washed in cold or hot water every 3 – 10 uses

Functional Unit: Impact per day worn

Lifetime impact by percent



Sustainable Design Strategies

- Choose more sustainable materials**
[Learn More](#)
- Design for durability**
[Learn More](#)
- Design for repair, upgrade, and recycling**
[Learn More](#)
- Reduce washing: design for stain- and odor-resistance**
[Learn More](#) [here](#) or [here](#)

Data from:
• Levi Strauss & Co. (2015). The Life Cycle of a Jean – Understanding the environmental impact of a pair of Levi's 501 Jeans.
• Roos, S., Sandin, G., Zamani, B., & Peters, G. (2015). Environmental assessment of Swedish fashion consumption. Five garments–sustainable futures. Mistra Future Fashion.
• De Haan, B. R., & Lieferink, J. D. (2017). Exploring life cycle sustainability in the fashion industry. A case study on the impacts in the life cycle garments and the application of Life Cycle Assessment in a company. [master thesis]
• Åslund Hedman, E. (2018). Comparative Life Cycle Assessment of Jeans: A case study performed at Nudie Jeans.
• Missing data on packaging and transportation in some publications supplemented by calculations using the Idemat 2020 and Ecolnvent 3-5 database.