

TECHNICAL SPECIFICATION SHEET

PRODUCT DETAILS			
Brand Name: E	Designer: W	Season: Autumn/Winter	Category: Outerwear
Date: March 2025	Style Name: Elegant Black Coat	Style Number: 001	Main Fabric: Wool

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STYLE DESCRIPTION
An elegant black coat featuring a tailored fit with clean lines, designed for a sophisticated look. The coat is crafted from high-quality wool, offering warmth and comfort, perfect for the cooler months.

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23
24 #for shampoo
25 def _matrix_power(matrix: torch.Tensor, power: float) -> torch.Tensor:
26     # use CPU for svd for speed up
27     device = matrix.device
28     matrix = matrix.cpu()
29     #print(matrix)
30     u, s, v = torch.svd(matrix)
31     return (u @ s.pow_(power).diag() @ v.t()).to(device)
32
33 #def _matrix_power(matrix: torch.Tensor, power: float) -> torch.Tensor:
34 #     device = matrix.device
35 #     matrix = matrix.cpu()
36 #     print("Matrix shape:", matrix.shape)
37 #     print("Matrix min:", matrix.min().item(), "max:", matrix.max().item())
38 #     try:
39 #         u, s, v = torch.linalg.svd(matrix)
40 #     except Exception as e:
41 #         print("SVD failed with error:", e)
42 #         raise e
43 #     return (u @ s.pow_(power).diag() @ v.t()).to(device)
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MEASUREMENTS

Item	Description	XS	S	M	L	XL
Shoulder Width	Distance between shoulder seams, wool	40 cm	42 cm	44 cm	46 cm	48 cm
Chest Width	Across the chest, wool	92 cm	96 cm	100 cm	104 cm	108 cm
Sleeve Length	From shoulder to cuff, wool	60 cm	61 cm	62 cm	63 cm	64 cm
Total Length	From top of shoulder to hem, wool	100 cm	102 cm	104 cm	106 cm	108 cm

CARE INSTRUCTIONS

- Dry clean only.
- Do not bleach.
- Iron at low temperature if needed, using a protective cloth.
- Store in a cool, dry place away from direct sunlight.
- Avoid contact with rough surfaces to prevent snagging.

ADDITIONAL COMMENTS

this is super good.

ABOUT TECH PACKS

Tech packs are indispensable tools in the fashion industry, providing a comprehensive blueprint for garment production. They contain all necessary details such as technical specifications, measurements, materials, colors, and construction methods, ensuring that the designer's vision is accurately translated into the final product. By serving as a communication bridge between designers and manufacturers, tech packs help streamline the production process, minimize errors, and reduce costs. They also facilitate quality control and consistency across production runs by offering clear guidelines and standards. As living documents, tech packs are updated with design changes, making them crucial for adapting to new trends and requirements. In the context of new jacket designs, tech packs play a vital role in innovating and maintaining the garment's functionality, style, and comfort. The process of creating a tech pack starts with initial sketches and evolves through detailed illustrations, fabric selections, and precise measurements. A well-crafted tech pack can significantly impact the speed and efficiency of bringing a new jacket design to market while maintaining high standards of quality. This is particularly important in the competitive fashion industry, where time-to-market and adherence to design specifications are critical for success. Tech packs are not only about ensuring that the final product aligns with the designer's expectations but also about enhancing communication and collaboration across different teams involved in the production process. As the fashion industry continues to evolve with new technologies and sustainable practices, the role of tech packs will likely expand, incorporating digital tools and environmentally friendly materials. In summary, tech packs are essential for executing new jacket designs that meet consumer demands and align with the latest fashion trends. They provide a structured approach to garment production, ensuring that every aspect of the design is meticulously planned and executed. This comprehensive approach helps designers and manufacturers create innovative, high-quality jackets that stand out in the marketplace, ultimately contributing to the brand's reputation and success.