







DANEBOG - parka			
Description	<p>EXTERNAL PART:</p> <ul style="list-style-type: none"> 1 pocket on the left sleeve with zip, 2 breast pockets, one mobile phone pocket with E-WARD fabric, 2 internal pockets one of them with zip, 2 wide lower pockets with velcro, adjustable cuff with velcro, adjustable foldaway hood, arm ergonomic design, elasticated inserts on the sides and on the back, internal bottom zip, reflex inserts, thermo welded seams <p>INTERNAL PART:</p> <ul style="list-style-type: none"> 1 breast pocket with zip, 2 wide front pockets, detachable sleeves with zip 		
			
Maintenance	<p>Maximum wash temperature: 30°C ; Do not bleach; Do not dry in a tumble dryer; Drying in the shade; Do not dry clean; Do not iron.</p> <p>  </p> <p>  </p>		
	Item	<p>V575-0-02 Navy/black V575-0-04 Anthracite/black V575-0-05 Black/black</p>	
	Standards	<p>EN ISO 13688:2013</p> <p>    </p> <p>EN 343:2019 EN 14058:2017 (Outer + inner jacket)</p>	
	Sizes	44 – 64	

SAFETY TECHNICAL SPECIFICATIONS

	Test method	description	Cofra result	minimum requirement / range
Background fabric EXTERNAL PART	EN ISO 1833-1977, SECTIONE 10	Composition:	100% polyester coated polyurethane (PU)	
	EN ISO 12127:1996	Weight per unit area	180 g/m ²	
	EN ISO 13688:2013 4.2 (EN 3071)	The pH's determination from the watery extract	8.2 OEKO-TEX [®]	3,5≤PH≤9,5
	EN ISO 13688:2013 4.2 (EN 14362-1:2017)	Search of the aromatic and carcinogenic amines	Not recording OEKO-TEX [®]	≤30 ppm
	EN ISO 13688:2013 5.3 (EN ISO 6630 / ISO 5077)	Dimensional change to washing (3N/30°C)	warp: -1.3% weft: -0.2%	± 3 %

ISO 105-C06	Colour fastness to Laundering at 30°C			1 - 5
	Colour change	4-5		
	Staining:			
	diacetate	4-5		
	cotton	4-5		
	nylon	4-5		
	polyester	4-5		
	acrylic	4-5		
	wool	4-5		
ISO 105 E04	Colour fastness to perspiration	Acidic	Alkaline	1 - 5
	Colour change	4-5	4-5	
	Staining:			
	diacetate	4-5	4-5	
	cotton	4-5	4-5	
	nylon	4-5	4-5	
	polyester	4-5	4-5	
	acrylic	4-5	4-5	
	wool	4-5	4-5	
ISO 105-X12	Colour fastness to rubbing	Dry: 4 - 5 Wet: 4 - 5		1-5
ISO 105-B02	Colour fastness to light (test with xenon arc lamp)	5		1-5
EN 343:2019 4.2 (EN ISO 811)	Water penetration resistance - Wp [Pa] (before each pretreatment)	> 13000 Pa		CLASS 1 Wp ≥ 8000 Pa CLASS 2 no test required CLASS 3 no test required CLASS 4 no test required
EN 343:2019 4.2 (EN ISO 811)	Water penetration resistance - Wp [Pa] (after each pretreatment)	> 13000 Pa (class 3)		CLASS 1 no test required CLASS 2 Wp ≥ 8.000 Pa CLASS 3 Wp ≥ 13.000 Pa CLASS 4 Wp ≥ 20.000 Pa
EN ISO 811	Determination of resistance to water penetration. Hydrostatic pressure test	11033 mm H ₂ O		
EN 343:2019 4.3 (EN ISO 11092)	Water vapour resistance Ret [m ² Pa/W]	18.2 (class 3)		Class 1: Ret>40 Class 2: 25<Ret≤40 Class 3: 15<Ret≤25 Class 4: <Ret≤15
ASTM E96/E96M-16	Water vapour permeability index [g/24h/m ²]	5499 g/24h/m ²		
EN 343:2019 4.4 (EN ISO 1421)	Tensile strength	warp: 1060 N weft: 900 N		450 N
EN 343:2019 4.5 (EN ISO 4674-1)	Tearing strength from coated fabrics or laminates	warp: 93 N weft: 107 N		25 N

	EN 343:2019 4.8 (EN ISO 13935-2)	Determination of maximum force to seam rupture using the grab method	772 N	≥ 200N
	EN ISO 13937-1	Determination of tear force using ballistic pendulum method (Elmendorf)	warp: 33 N weft: 28 N	≥ 12 N
	EN 14058 :2017 4.2 (EN 11092)	Measurement of thermal resistance under steady-state conditions (fabric + padding + lining)	Class 3 $R_{ct} = 0.241 [m^2 K/W]$	CLASS 1 $0.06 \leq R_{ct} < 0.12$ CLASS 2 $0.12 \leq R_{ct} < 0.18$ CLASS 3 $0.18 \leq R_{ct} < 0.25$ CLASS 4 $R_{ct} \geq 0.25$
	EN 14058 :2017 4.3 (EN ISO 9237)	Determination of air permeability of fabrics (fabric + padding + lining)	Class 3 AP < 0.1 mm/s	CLASS 1 $100 < AP$ CLASS 2 $5 < AP \leq 100$ CLASS 3 $AP \leq 5$
Elastic fabric EXTERNAL PART	EN ISO 1833-1977, SECTION 10	Composition:	100% polyester mechanical stretch+ PU (polyurethane) membrane	
	EN ISO 12127:1996	Weight per unit area	200 g/m ²	
	EN ISO 13688:2013 4.2 (EN 1413)	The pH's determination from the watery extract	OEKO-TEX [®]	3,5 ≤ PH ≤ 9,5
	EN ISO 13688:2013 4.2 (EN 14362-1:2012)	Search of the aromatic and carcinogenic amines	Not recording OEKO-TEX [®]	≤ 30 ppm
	EN ISO 13688:2013 5.3 (EN ISO 6630 / ISO 5077)	Dimensional change to washing (3N/30°C)	warp: -0.9% weft: -0.3%	± 3%
	ISO 105-C06	Colour fastness to Laundering at 30°C		1 - 5
		Colour change	4-5	
		Staining:		
		diacetate	4-5	
		cotton	4-5	
		nylon	4-5	
		polyester	4-5	
		acrylic	4-5	
		wool	4-5	
	ISO 105-X12	Colour fastness to rubbing	Dry: 4 - 5 Wet: 4 - 5	1-5
	ISO 105-B02	Colour fastness to light (test with xenon arc lamp)	> 5	1-5

	ISO 105 E04	Colour fastness to perspiration	Acidic	Alkaline	
		Colour change	4-5	4-5	1 - 5
		Staining:			
		diacetate	4-5	4-5	
		cotton	4-5	4-5	
		nylon	4-5	4-5	
		polyester	4-5	4-5	
		acrylic	4-5	4-5	
		wool	4-5	4-5	
	EN 343:2019 4.2 (EN ISO 811)	Water penetration resistance - Wp [Pa] (before each pretreatment)	> 8000 Pa		CLASS 1 Wp ≥ 8000 Pa CLASS 2 no test required CLASS 3 no test required CLASS 3 no test required
	EN 343:2019 4.2 (EN ISO 811)	Water penetration resistance - Wp [Pa] (after each pretreatment)	> 13000 Pa (class 3)		CLASS 1 no test required CLASS 2 Wp ≥ 8.000 Pa CLASS 3 Wp ≥ 13.000 Pa CLASS 4 Wp ≥ 20.000 Pa
	EN ISO 811	Determination of resistance to water penetration. Hydrostatic pressure test	>8000 mm H ₂ O		
	EN 343:2019 4.3 (EN ISO 11092)	Water vapour resistance R _{et} [m ² Pa/W]	18.56 (class 4)		class 1: Ret>40 class 2: 25<Ret≤40 class 3: 15<Ret≤25 class 4: <Ret≤15
	ASTM E96/E96M-16	Water vapour permeability index [g/24h/m ²]	5295 g/24h/m ²		
	EN 343:2019 4.4 (EN ISO 1421)	Tensile strength	warp: 1300 N weft: 940 N		450 N
	EN 343:2019 4.5 (EN ISO 4674-1)	Tearing strength from coated fabrics or laminates	warp: 119 N weft: 111 N		25 N
	EN 343:2019 4.8 (EN ISO 13935-2)	Determination of maximum force to seam rupture using the grab method	420 N		≥ 200N
	EN ISO 13937-1	Determination of tear force using ballistic pendulum method (Elmendorf)	warp: 46 N weft: 46 N		≥12 N
Lining	Composition:		100% Polyester		
Hood lining	Composition:		100% polyester Polyurethane coated (PU)		

Background fabric of inner garment	Composition:	100% polyester Polyurethane coated (PU)		
	EN ISO 13688:2013 4.2 (EN 1413)	The pH's determination from the watery extract	OEKO-TEX [®]	3,5≤PH≤9,5
	EN ISO 13688:2013 4.2 (EN 14362-1:2012)	Search of the aromatic and carcinogenic amines	Not recording OEKO-TEX [®]	≤30 ppm
Padding INTERNAL PART	Composition:	100% polyester		
	Fabric mass per unit area	Body: 160 g/m ² Arms: 130 g/m ²		
Lining INTERNAL PART	Composition:	100% polyester		