



IRINTHIA®

GOLDECK TEXTIL

Seebacherstraße 11–13
9871 Seeboden
Austria

Technical Specification

RAINWEAR

6.1 Jacket

PRG 2.0 | Professional Rain Garments - Jacket









FEATURES:

- Tested 10.000 mm water column
- Attached, helmet-compatible hood
- 2-way adjustable hood with reinforced screen (with cords concealed in outer pockets)
- Water-repellent YKK® outer zippers
- 2-way front zipper with wind flap and chin guard
- Outer weather protection flap
- 2 large outer zipp-pockets
- Mesh inner zipp-pocket
- Upper Arm Velcro
- Zipp underarm ventilation
- 2 upper arm pockets with Velcro for attaching badges
- Anatomically pre-curved sleeves with Velcro adjustment
- Adjustable elastic drawcord at hem
- Compression bag included
- Machine washable
- Colours: Olive, Black, Camo

1 Material Details - Jacket		
1.1 Main Material Composition		
Product	Tussac 3 layer	
Brand/Product Class	GORE-TEX® Fabric	
Fabric Material	100% Polyamide	
Fabric Construction	Rip stop	
Functional Layer	Bicomponent based on ePTFE	
Colour	Olive / Black / Camouflage	
Weight [g/m]²	115 ± 10	ISO 3801, method 5 / EN 12127
Ret [m² Pa/W]	≤ 7	EN ISO 11092
Resistance to Water Penetration [kPa]	≥ 100	ISO 811
Tensile Strength Warp / Weft [N]	≥ 600 / 400	EN ISO 1421, method 1
Tear Strength Warp / Weft [N]	≥ 25/22	EN ISO 4674-1 A



Abrasion at 12 kPa	≥ 50.000	ISO 12947-2
Dimensional Change in Washing and Drying [%]	≤ 3	EN ISO 5077, EN ISO 6330 6N, F
Colorfastness to washing 40°C	ISO105C06	min. 4
Colorfastness to Water	ISO105E01	min. 4
Colorfastness to Perspiration (Alk. / Acid)	ISO105E04	min. 4
Colorfastness Dry Cleaning	ISO105D01	min. 4
Colorfastness to rubbing	ISO105X12	min. 4
Finishing	Hydrophobic: 5 Oleophobic: 5	ISO 4920 EN ISO 14419
Care Labelling	      GIN Code: LXAADZZ	

1.2 Tape	
1.2.1 Material Composition	
Article	Tape 3 L 4MIL 22MM
Material	Polyamid 6.6
Substrate (Film)	Bicomponent Polyetrafluoroethylene, coated and printed (TRIPLE X pattern) with Polyurethane
Fusion Adhesive	Based on Polyurethane
Weight per Unit Area of Tape	206 ± 10 g/m ²
Length of Tape Roll	200 + 5 m
Splices per Roll	≤ 5 (red marked)

1.3 Zipper	All zippers according to DIN EN 3418
1.3.1 Pocket- and Front-Zipper	Water-repellent (e.g., upper arm pocket, front pocket)



Type	Plastic zipfastener, endless chain
Style	Two-way separating zippers (front zipper); Closed-end zipper (front pocket, upper arm pocket) Two-way zipper (under arm ventilation)
Mechanism	Auto block
1.3.1.1 Material Composition	
Chain width	6,50 mm
Chain thickness	2,70 mm
Slider	Stainless steel, black nickel, nickelfree
Tape	Polyester, polyurethan laminated
Elements	Polyester
Color	Olive

1.3.2 Inner-pocket Zipper	
Modell	Plastic zipfastener, endless chain
Style	Closed-end zipper
Mechanism	Auto lock
1.3.2.1 Material Composition	
Chain width	6,00 mm
Chain thickness	2,65 mm
Slider	Stainless steel, black nickel, nickelfree
Tape	Polyester
Elements	Polyester
Color	black

1.4 Hook and Loop Fastener (Velcro)	
Material	100% Polyamide



Color	Olive, black
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1.5 Cord	
Material	100 % Polyester or Polyamid
Diameter	3 ±0,5mm

1.6 Cord-Stopper	
Modell	1-hole-cord stopper with two slots, ribs on plunger for additional grip; hole for self cleaning of snow and dirt
Material	POM or Polyamid
Color	Olive, black
1.7 Cord-Clip	
Material	PA 6.6 or POM
Color	Black

2 Measurements and Weights					
2.1 Jacket	S	M	L	XL	XXL
Weight in g	660	690	710	730	740
Finished Measurements in cm					
Back length	79	81	83	85	86
Front length	74,5	76,5	78,5	80,5	81,5
Collar height	12	12	12	12	12
1/2 chest / breast girth	59	63	67	71	75
1/2 hem width	56	60	64	68	72
Arm length (shoulder to hem)	83,4	86,2	89	91,8	94,6
1/2 sleeve hem girth	15,5	16	16,5	17	17,5
Hood height	39,5	39,7	40	40,2	40,5
Hood width	27	27,5	28	28,5	29
Zip length front	74	76	78	80	81



Zip length side pockets	29	29	29	29	29
Zip length inner pocket	23	23	23	23	23
Zip length sleeve pocket	17	17	17	17	17
Zip length ventilation openings	35,5	35,5	35,5	35,5	35,5

Note: A tolerance up to $\pm 3\%$ is applicable for all measurements

A tolerance up to $\pm 10\%$ is applicable for all weights

3 Compression Bag

3.1 Main Material Composition (textile)

Parameter	Test method	Value
Material		100% Polyamid 6 or 6.6
Weight		$\leq 160 \text{ g/m}^2 \pm 10\%$
Construction		Plain weave
Shrinkage wash 40°C warp	ISO 5077	-2,00 %
Shrinkage wash 40°C weft	ISO 5077	-2,00 %
Tensile strength warp	ISO 13934-1	$\geq 700 \text{ N}$
Tensile strength weft	ISO 13934-1	$\geq 500 \text{ N}$
Tear resistance warp	ISO13937-1	$\geq 30 \text{ N}$
Tear resistance weft	ISO13937-1	$\geq 30 \text{ N}$
Spraytest	ISO 4920	100 ISO 5
Watercolumn	ISO811	$\geq 5000\text{mm}$
Colorfastness to washing 40°C	ISO105C06	min. 4
Colorfastness to dry cleaning	ISO105X05	min. 4
Colorfastness to water	ISO105E01	min. 3
Colorfastness to rubbing dry	ISO105X12	min. 4
Colorfastness to rubbing wet	ISO105X12	min. 3

3.2 Cord



Material	100 % Polyester
Diameter	3 ±0,2 mm
Stretch	100%
Tensile force	30% elongation 5±1N 100% elongation 24±1N
Weight	0,650 kg/100m ±10%

3.3 Cord-Stopper

Modell	1-hole-cord-stopper with two slits; ribs on plunger for additional grip; hole for self cleaning of snow and dirt
Material	Alcatel
Weight	ca. 2.3 g
Size	ca. 4.5 mm (cord ø)
Color	Olive, black

3.4 Ladder Tape

Material	94% Polyester; 6% Nylon
Width	20 mm
Color	Olive

3.5 Ladderlock

Material	ACETAL
Strength data (lowest average expected)	65 kg
Color	Black

3.6 Measurements and Weights (Compression Bag)

Bottom	12 cm
Height	25 cm
Weight	50 g

Note: A tolerance up to ±3% is applicable for all measurements
A tolerance up to ±10% is applicable for all weights



