HYDRO TECH

FABRIC DESCRIPTION

DARKA

- Out shell BearWear Hydro Tech Royal Blue/Grey/Red with HD treatment, filmed on back
- Modacrylic/Cellulose/Polyarylate/Polyamide/As
- Inner layer 12oz black fleece
- 100%Cotton

GARMENT CONSTRUCTION

- Aramid high tenacity FR thread
- All metal thermally protected from the skin
- Bar-tacked at all stress points
- Protective stand-up collar with 1 set velcro closure
 Two-way heavy duty #5 brass zipper on aramid tape, double stitching on the zipper tape
- Storm guard over zipper with 5 sets velcro closure
- Action back for mobility
- D-Ring Access with Velcro closure
- Seam sealed

POCKETS

- · 2 chest patch pockets, flap with 2 sets velcro closure each
- FR cotton mesh over left pocket
- 2 waist patch pockets, flap with 2 sets velcro closure each
- Pen pocket on left sleeve
- 1 inside chest patch pocket on the left with 1 set velcro closure

HIGH VISIBILITY TRIM

- 2" RT80 H7440 Reflective Tape, YSY
- Double stitching on tape
- Reflective tape around arm and waist, vertical at front, "X" striping on back

PPE STANDARDS MET

- Protective flame retardant and arc flash suits described in this technical standard are used in noxious and hazardous environments must meet the following safety and visibility standards:
- CAT 4
- ATPV 54 cal/cm2 (electric arc flash rating)
- US Standards: NFPA 2112-2023 (Only flame resistance tested by SCS)
- ASTM F1868-17 Thermal Resistance CLO 0.54
- AATCC TM127 Water Resistance (Hydrostatic Head) -3000mm H20
- AATCC TM35 Water Resistance(Rain Test) 900mm head pressure, 2 minutes impact
- ASTM E96 Water Vapour Transmission 5000g/24h/m²





D Ring Access with Velcro closure



RESISTANT





EASE OF MOVEMENT





HYDRO TECH PARKA



SIZES

Label size		2XS	XS	S	М	L	XL	2XL	3XL	4XL	5XL	6XL	7XL	Allowable Tollerance
Chest Finished		40	43	46	49	52	55	58	62	66	70	74	78	±3/4
Bottom Finished		36	39	42	45	48	51	54	58	62	66	70	74	±3/4
Shoulder Width Finished		18 1/4	19 1/4	20 1/4	21 1/4	22 1/4	23 1/4	24 1/4	25 3/4	27 1/4	28 3/4	30 1/4	31 3/4	±1/2
Full Back Length Finished		30 1/2	31 1/4	32	32 3/4	33 1/2	34 1/4	35	36	37	38	39	40	±3/4
Front Zipper Length Two-Way		23 1/2	24 1/2	25 1/2	26 1/2	27 1/2	28	29	30	31	32	32 1/2	33 1/2	0
Out Length Finished	R	30	31	32	33	34	35	36	37 1/4	38 1/2	39 3/4	41	42 1/4	±3/4
	т	31 1/2	32 1/2	33 1/2	34 1/2	35 1/2	36 1/2	37 1/2	38 3/4	40	41 1/4	42 1/2	43 3/4	±3/4



