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#### **Company history**

Beryl Davis is a leading, well-established, cutting-edge technical textile company, specializing in the development and manufacture of Personal Protective Equipment (PPE). It was founded by Mrs. Beryl Solomons, who set up production and development in Chorley (UK) in 1981 and then relocated its HQ to Israel in 2000. The company has since expanded its reach, with global offices in England and China, and its R&D center and specialized production in Israel. Always striving for excellence, innovation and above all else workers safety, the company boasts a top-of-the-line R&D team, an in-house laboratory, and use of some of the most technologically advanced textile related materials available to create products that not only look and feel great and perform beyond expectations, but adhere to the strictest international standards.

Beryl Davis invests in people; it has set up its HQ and specialized production facility utilizing the professional knowhow in Kiryat Gat, an area known for its highly experienced, skilled textile workers going back to the 1960s. Since then, the company has taken tailor-made PPE and work wear to new heights, while becoming a leader in the development, manufacture and production of high visibility, reflective, flame resistant, arc rated industrial workwear, protective work wear, military, defense and police uniforms. Beryl Davis is searching continuously for the products and materials that will cater both to the safety of the workers and their work environment. It reaches out to its customers, gathering field information and feedback to create the PPE that will make a difference in the future. Huge efforts are made by the technical department, textile engineers and designers to create clothing with better climate control features and protection from the harsh elements, improved breathability and moisture management, lighter and more flexible protection from blunt impact, stronger abrasion resistance and color stability, sharper visibility for day and night and more. With its exceptional versatility, knowledge and adherence to international safety standards, Beryl Davis is proud to be amongst those leading the industry, offering a wide range of high quality, affordable products to a vast array of market segments.

Whatever your needs may be – Beryl Davis has got you covered.





#### **BDHVFR-LSTL2**

# **Premium long sleeve HVFR T-shirt**

- Midweight Flame Resistant, Arc Rated, High Visibility Long sleeved T-shirt with 3M™ Scotchlite™ heat applied reflective material and rib knit collar.
- Manufactured from 61% Cotton 32% modacrylic 7% Polyester jersey knit, 89% modacrylic 9% polyester 2% spandex rib knit and Nomex® thread.
- ANSI/ISEA 107-2010, IS 1258/4, CAN/CSA Z-96, Class 2 HV, NFPA 70E, ASTM F 1506, HRC=2, ATPV= 10cal/cm<sup>2</sup>.
- Inherent flame resistant properties for life of garment.

Colors	Sizes	Fabric Weight	
	S - 4XL	7.75oz/y² 262g/m²	











#### BDHVFR-ESSTL2

#### **Short sleeve HVFR T-shirt**

- Lightweight Flame Resistant, Arc Rated, High Visibility short sleeved T-shirt with reflective material and rib knit collar.
- Manufactured from 60% modacrylic 40% cotton, rib knit and Nomex® thread.
- ANSI/ISEA 107-2010, EN ISO 20471, IS 1258/4, Class 2 HV, NFPA 70E, ASTM F 1506, HRC=1, ATPV= 6.8cal/cm<sup>2</sup>, ISO 11611, ISO 11612, (EN 1149-3 optional).

	S - 4XL	6.2oz/y² 210g/m²	
Colors	Sizes	Fabric Weight	











# **Long sleeve HVFR T-shirt**

- Lightweight Flame Resistant, Arc Rated, High Visibility Long sleeved T-shirt with reflective material and rib knit collar.
- Manufactured from 60% modacrylic 40% cotton rib knit and Nomex® thread.
- ANSI/ISEA 107-2010, EN ISO 20471, IS 1258/4, Class 2 HV, NFPA 70E, ASTM F 1506, HRC=1, ATPV= 6.8cal/cm<sup>2</sup>, ISO 11611, ISO 11612, (EN 1149-3 optional).

Colors	Sizes	Fabric Weight
	S - 4XL	6.2oz/y <sup>2</sup> 210g/m <sup>2</sup>











#### **BDHVFR-SSTL2**

## **Premium short sleeve HVFR T-shirt**

- · Midweight Flame Resistant, Arc Rated High Visibility. Short sleeved T-shirt with 3M<sup>™</sup> Scotchlite<sup>™</sup> heat applied reflective material and rib knit collar.
- Manufactured from 61% Cotton 32% modacrylic 7% Polyester jersey knit, 89% modacrylic 9% polyester 2% spandex rib knit and Nomex® thread.
- ANSI/ISEA 107-2010, IS 1258/4, CAN/CSA Z-96, Class 2 HV, NFPA 70E, ASTM F 1506, HRC=2, ATPV= 10cal/cm<sup>2</sup>.
- Inherent flame resistant properties for life of garment.

	S - 4XL	7.75oz/y² 262g/m²	
Colors	Sizes	Fabric Weight	











# Polartec® FR long sleeve polo shirt

- Long sleeved Flame Resistant and Arc Rated polo shirt with rib knit polo collar, two button placket ,classic rib collar and rib knit cuffs.
- Manufactured from Polartec® Powerdry® double piquet knit 45% rayon 40% modacrylic 15% para-aramid single jersey knit fabric with ribbed cuffs sewn with Nomex® thread.
- NFPA 70E, ASTM F 1506, HRC=2, ATPV= 9.5cal/cm<sup>2</sup>.
- Inherent Flame resistant properties for life of garment.

	S - 4XL	6.5oz/y² 220g/m²
Colors	Sizes	Fabric Weight















# Proban® HVFR welders' jacket

- · Long sleeve, High Visibility, Flame Resistant, Arc Rated welders' jacket with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material. Includes inner breast pocket, studded front and studded cuffs.
- Manufactured from cotton rich FR Proban® finished 75% cotton 25% polyester twill background fabric, Nomex® thread and brass antispark press studs.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV, NFPA 70E, ASTM 1506, ISO 11611; 11612, ISO 14116, HRC=1, ATPV=7.1cal/cm<sup>2</sup>.

	S - 4XL	7.5oz/y² 260g/m²	
Colors	Sizes	Fabric Weight	









#### BDFR-CSH2

#### FR Work shirt

- Flame Resistant and Arc Rated long sleeve work shirt with action pleats in back.
- Two button down flap pockets with built in pen pocket, button down collar and cuffs.
- Manufactured from 100% softened FR cotton and Nomex® thread.
- NFPA 70E, NFPA 2112 (main components and fabric only), ASTM 1506, ASTM F 1930, HRC=2, ATPV=8.5cal/cm<sup>2</sup> ISO 11611, ISO 11612.
- Fabric Certified by UL for Flame Resistance.

Colors	Sizes	Fabric Weight
	Small- 4XL	7oz/y² 240g/m²







#### **BDFR-PTHL**

# **Premium FR Henley shirt**

- Flame Resistant and Arc Rated Long sleeved Henley shirt with rib knit Henley collar, two button placket and rib knit cuffs.
- Manufactured from 55% cotton 45% modacrylic single jersey knit fabric with ribbed cuffs and sewn with Nomex® thread.
- NFPA 70E, ASTM F 1506, HRC=2, ATPV= 9.8cal/cm<sup>2</sup>.
- Inherent Flame resistant properties for life of garment.

	Small- 4XL	6.5oz/y² 220g/m²
Colors	Sizes	Fabric Weight











#### **BDFR-LSSP**

# Polartec® Powerdry® no melt no drip thermal base layer shirt

- · No melt and no drip, quick dry, thermal, heavyweight, long sleeve base layer shirt.
- Manufactured from Polartec® powerdry® grid fleece 43% modacrylic 34% polyester 18% rayon 5% spandex and Nomex® thread.
- ASTM D6413 no melt no drip tested with nomex flight.

	Small- XL	9.7oz/y² 245g/m²	
Colors	Sizes	Fabric Weight	

















# Long sleeve FR T-shirt

- Flame Resistant, long sleeved T-shirt with rib knit crewe collar and cuffs.
- Manufactured from 55% cotton 45% modacrylic jersey knit, 89% modacrylic 9% polyester 2% spandex, rib knit and Nomex® thread.
- NFPA 70E, ASTM F 1506, HRC=2, ATPV= 9.8cal/cm<sup>2</sup>.
- Inherent flame resistant properties for life of garment.

	S - 4XL	6.5oz/y² 220g/m²
Colors	Sizes	Fabric Weight







#### **BDFR-BBT**

# **Protal® thermo-active long** sleeve FR base layer shirt

- CE marked Dual function Fire resistant and antistatic thermo active long sleeve base layer shirt.
- ISO 11612 EN 1149-5.
- Manufactured from 52% modacrylic 26% cotton 19% polyamide 2% antistatic fiber 1% elastin.

	WASH	
	Small- 2XL	4.85oz/y² 165g/m²
Colors	Sizes	Fabric Weight

















#### BDFR-PCP6PDLX

# **Deluxe FR cargo pants**

- Flame Resistant and Arc Rated cargo pants professionally tailored to fit the active man with touches of contrast color.
- Pressure reducing crotch seam. Rear and side cargo pockets with hook-and-loop closing flap, deep in set rounded hip pockets.
- 6 reinforced wide belt loops.
- Hook-and-loop fastening or brass long neck jeans button over a brass teeth fly zipper.
- Optional fitted knee-pad pockets.
- Made of 88% cotton 12% nylon soft-feel light weight twill with improved abrasion resistance, FR Nomex® thread, YKK brass teeth zipper with Nomex® ribbon, FR hook-and-loop.
- NFPA 70E, ASTM 1506, NFPA 2112 (main components and fabric only), ASTM F1930, ISO 11611 ISO 11612, HRC=2, ATPV=8.6cal/cm<sup>2</sup>.
- Fabrics Certified by UL for Flame Resistance.

Colors	Sizes	Fabric Weight
	36-54	7oz/y² 240g/m²
<b>YKK</b> °	HRC 2	WASH 1000 A THE



#### BDFR-PCP8PDLXAS

# Deluxe multi hazard protection cargo pants

- Flame resistant, arc rated, antistatic, small molten splash protection, fast drying cargo pants with knee pad pockets professionally tailored to fit the active professional with touches of contrast color.
- Pressure reducing crotch seam. Rear and side cargo pockets with hook-and-loop closing flap, deep in set rounded hip pockets.
- 6 reinforced wide belt loops.
- Extended Hook-and-loop fastening over a brass teeth fly zipper.
- Fitted knee-pad pockets.
- Made of MHP 34% Nomex 33% lyocell 31% modacrylic 2% antistat soft-feel light weight twill with improved abrasion resistance, FR Nomex® thread, YKK brass teeth zipper with Nomex® ribbon, FR hook-and-loop.
- NFPA 70E, ASTM 1506, NFPA 2112 (main components and fabric only), ASTM F1930 (14% body burn), ISO 11611 ISO 11612, ISO 1149 HRC=2, ATPV=8.6cal/cm<sup>2</sup>.
- Fabrics Certified by UL for Flame Resistance.

NOMEX	YKK*	HRC WASH (100)
	36-54	7oz/y² 240g/m²
Colors	Sizes	Fabric Weight







#### BDFR-CCP6P

## FR Cargo pants

- Flame Resistant and Arc Rated cargo pants, Rear and side cargo pockets with hook-and-loop closing flaps and deep in set rounded hip pockets.
- 6 reinforced wide belt loops around part elastic waistband. Brass long neck revolving jeans button over brass teeth fly zipper.
- Made of 100% cotton soft-feel light weight twill, FR aramid thread, YKK brass teeth zipper with Nomex® ribbon and FR hook-and-loop.
- NFPA 70E, ASTM 1506, NFPA 2112 (main components and fabric only), ASTM F1930, ISO 11611; 11612, HRC=2, ATPV=8.5cal/cm<sup>2</sup>.
- · Fabric Certified by UL for Flame Resistance.

	S - 4XL	7oz/y² 240g/m²	
Colors	Sizes	Fabric Weight	











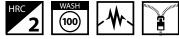


# **Premium FR cargo pants**

- Flame Resistant and Arc Rated cargo pants, Rear and side cargo pockets with hook-and-loop closing flaps and deep in set rounded hip pockets.
- 6 reinforced wide belt loops around part elastic waistband. Brass long neck revolving jeans button over brass teeth fly zipper.
- Made of 88% cotton 12% nylon soft-feel light weight twill with improved abrasion resistance, FR Nomex® thread, YKK brass teeth zipper with Nomex® ribbon, FR hook-and-loop, brass jeans button.
- NFPA 70E, ASTM 1506, NFPA 2112 (main components and fabric only), ASTM F1930, ISO 11611; 11612, HRC=2, ATPV=8.6cal/cm<sup>2</sup>.
- Fabric Certified by UL for Flame Resistance.

	S - 4XL	7oz/y² 240g/m²	
Colors	Sizes	Fabric Weight	













## **Premium FR jeans**

- Flame Resistant and Arc Rated classic cut 5 pocket jeans with 5 reinforced belt loops and heavy weight stitching throughout with bar tack stitches for reinforcement.
- Made of 100% FR heavy duty cotton (denim), extra strong Nomex® thread, FR YKK® brass teeth zipper with Nomex® ribbon and long neck revolving brass jeans button.
- NFPA 70E, ASTM 1506, NFPA 2112 (main components and fabric only), ASTM F1930, ISO 11611, ISO 11612, HRC=2, ATPV=23.8cal/cm<sup>2</sup>.
- · Fabric Certified by UL for Flame Resistance.

97	36-54	14.75oz/y² 500g/m²
Colors	Sizes	Fabric Weight













#### **BDHVFR-CVL2P**

#### **Cotton-rich Proban® FR vest**

- High Visibility Arc Rated and Flame Resistant cotton-rich vest with bands of 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material. Vest is fastened by hook-and-loop, includes a lower pocket, an optional reinforced slit in upper back for safety harness D Ring and finished with Black bias binding.
- Manufactured from cotton rich FR Proban® finished 75% cotton 25% polyester twill background fabric, black FR cotton bias binding, Nomex® thread and FR hook-and-loop.
- ANSI/ISEA 107-210, ISO EN 20471, Class 2 HV, NFPA 70E, ASTM F 1506, ISO 11611; 11612, HRC=1, ATPV= 7.1cal/cm<sup>2</sup>.

	S - 4XL	7.5oz/y² 260g/m²	
Colors	Sizes	Fabric Weight	















## Lion modacrylic FR vest

- High Visibility Arc Rated and Flame Resistant Modacrylic vest with band of 3M<sup>™</sup> Scotchlite<sup>™</sup> FR reflective material. Vest is fastened by hook-and-loop, includes a lower pocket and is finished with Black bias binding.
- Manufactured from 95% Modacrylic 5% aramid solid background fabric, Nomex® thread, FR cotton bias binding and FR treated hook-and-loop.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV, NFPA 70E, ASTM F1506, HRC=1, ATPV=5.5cal/cm<sup>2</sup>.

Colors	Sizes	Fabric Weight	
	S - 4XL	5.5oz/y² 185g/m²	
Scoto Reflecti	<b>chlite</b> ™ ive Material		Class 2 HRC WASH









# Tiger modacrylic FR vest

- High Visibility Arc Rated and Flame Resistant modacrylic vest with bands of 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material. Vest is fastened by hook-and-loop, includes a lower pocket and is finished with Black bias binding.
- Manufactured from 95% modacrylic 5% aramid solid background fabric, Nomex® thread, FR cotton bias binding and FR treated hook-and-loop.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV, NFPA 70E, ASTM F1506, HRC=1, ATPV=5.5cal/cm<sup>2</sup>.

Colors	Sizes	Fabric Weight	
	S - 4XL	5.5oz/y² 185g/m²	
Scoto Reflecti	<b>chlite</b> ™ ive Material		Class 2 HRC WASH

#### **BDHVFR-VL2PAS**

#### **Anti-static cotton rich FR vest**

- High Visibility Arc Rated and Flame Resistant cotton rich vest with bands of 3M<sup>™</sup> Scotchlite<sup>™</sup> FR antistatic reflective material. Vest is fastened by hook-and-loop, includes a lower pocket and is finished with Black bias binding.
- Manufactured from 75% Cotton 24% polyester 1% Nega-stat grid solid background fabric, Nomex® thread and FR cotton binding.
- ANSI/ISEA 107-2010, IS 1258/4, ISO EN 20471, Class 2 HV, ASTM F1506, EN 1149-3, EN 1149-5, EN ISO 1146, EN 61482-1-2 Box Test (Class 1) HRC=1, ATPV=7.1cal/cm<sup>2</sup>.

Colors	Sizes	Fabric Weight
	S - 4XL	8.5oz/y² 290g/m²
3M Scot	chlite™	Class 2 HRC WASH













#### **BDHVFR-VT2MAS**

# **Tiger FR antistatic mesh modacrylic** FR vest

- High Visibility, Flame Resistant, Arc Rated and Anti-static mesh vest with band of 3M<sup>™</sup> Scotchlite<sup>™</sup> FR antistatic reflective material. Vest is fastened by hook-and-loop, includes a lower pocket and is finished with Black bias binding.
- Manufactured from 88% Modacrylic 11% Aramid 1% Carbon fiber mesh background fabric, Nomex® thread, FR cotton bias binding and FR treated hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV, NFPA70E, ASTM F1506, EN1149-5, EN1149-3, HRC=1, ATPV=5.1cal/cm<sup>2</sup>.

Colors	Sizes	Fabric Weight
	S - 4XL	6.5oz/y² 220g/m²

















# NEW

#### BDHVFR-VL2MP

Reflective Material

# Lion lightweight modacrylic FR mesh vest

- Lightweight, High Visibility, Arc Rated and Flame Resistant Modacrylic mesh vest with band of 3M<sup>™</sup> Scotchlite<sup>™</sup> FR reflective material.
- Vest is fastened by hook-and-loop, includes a lower pocket and is finished with Black bias binding.
- Manufactured from 95% Modacrylic 5% Para-aramid mesh background fabric, Nomex® thread, FR cotton bias binding and FR treated hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV, NFPA 70E, ASTM F1506, HRC=1, ATPV=4.6cal/cm<sup>2</sup>.

Colors	Sizes	Fabric Weight
	S - 4XL	6.5oz/y² 220g/m²
3M Scot	chlite™	HRC WASH









#### BDHVFR-HSCVL3P

#### Half sleeve cotton-rich Proban® **FR vest**

- High Visibility, Flame Resistant and Arc Rated cotton-rich half sleeve vest with bands of 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material. Vest is fastened by hook-and-loop, includes a lower pocket, a reinforced slit in upper back for safety harness D Ring and finished with Black bias binding.
- Manufactured from cotton rich FR Proban® finished 75% cotton 25% polyester twill background fabric, black FR cotton bias binding, Nomex® thread and FR hook-and-loop.
- ANSI/ISEA 107-210, ISO EN 20471, Class 3 HV, NFPA 70E, ASTM F 1506, ISO 11611; 11612, HRC=1, ATPV= 7.1cal/cm<sup>2</sup>.

	S - 4XL	7.5oz/y² 260g/m²
Colors	Sizes	Fabric Weight











# **Tiger modacrylic FR mesh vest**

- Lightweight, High Visibility, Flame Resistant and Arc Rated mesh vest with band of 3M<sup>™</sup> Scotchlite<sup>™</sup> FR Reflective material.
- Vest is fastened by hook-and-loop, includes a lower pocket and is finished with black bias binding.
- Manufactured from 95% Modacrylic 5% Para-aramid mesh background fabric, Nomex® thread, FR cotton bias binding and FR treated hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV, NFPA 70E, ASTM F1506, HRC=1, ATPV=4.6cal/cm<sup>2</sup>.

Colors	Sizes	Fabric Weight
	S - 4XL	5.8oz/y² 197g/m²
3M Scot	chlite <sup>™</sup>	HRC WASH













#### BDHVFR-BVL2

# **Break away lion FR modacrylic vest**

- High Visibility Arc rated and Flame Resistant Modacrylic Break away vest with band of 3M<sup>™</sup> Scotchlite<sup>™</sup> FR reflective material. Vest is fastened at five points by hook-and-loop and is finished with black binding.
- Manufactured from 95% Modacrylic 5% aramid solid background fabric, Nomex® thread, FR cotton bias binding and FR treated hook-and-loop.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV, NFPA 70E, ASTM F1506, HRC=1, ATPV=5.5cal/cm<sup>2</sup>.

Colors	Sizes	Fabric Weight
	S - 4XL	5.5oz/y² 185g/m²
Scot Reflect	chlite <sup>™</sup> tive Material	Class 2 HRC WASH





#### BDHVFR-VSURL2MP

# Mesh FR modacrylic surveyor vest

- · Lightweight, High Visibility, Flame Resistant and Arc Rated mesh multipocket vest with band of 3M<sup>™</sup> Scotchlite<sup>™</sup> FR Reflective material.
- Vest is closed by anti-spark brass zipper, includes a lower pocket and is finished with black bias binding.
- Manufactured from 95% Modacrylic 5% Para-aramid mesh background fabric, Nomex® thread, YKK brass teeth zipper with nomex ribbon, FR cotton bias binding and FR treated hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV, NFPA 70E, ASTM F1506, HRC=1, ATPV=4.6cal/cm<sup>2</sup>.

Colors	Sizes	Fabric	Weight
	S - 4XL	6.5oz	/y² 220g/m²
Scote Reflect	<b>chlite</b> <sup>™</sup> ive Material	<b>YKK</b> °	Ansi HRC WASH Multi

#### BDHVFR-MVT2PAS

Reflective Material

# Multi pocket FR anti-static cotton rich vest

- High Visibility, Flame Resistant and Arc Rated cotton rich multi pocket vest with bands of 3M<sup>™</sup> Scotchlite<sup>™</sup> FR antistatic reflective material. Vest is fastened by hook-and-loop, includes two lower cargo pockets with flap and closed by hook-and-loop, upper phone pocket with flap, patch pocket with access for pens and is finished with Black bias binding.
- Manufactured from 75% Cotton 24% Polyester 1% Nega-stat grid solid background fabric, Nomex® thread and FR cotton binding.
- ANSI/ISEA 107-2010, IS 1258/4, ISO EN 20471, Class 2 HV, ASTM F1506, EN 1149-3, EN 1149-5, EN ISO 1146, EN 61482-1-2 Box Test (Class 1) HRC=1, ATPV=7.1cal/cm<sup>2</sup>.

	S - 4XL	8.5oz/y² 290g/m²
Colors	Sizes	Fabric Weight















#### **BDFR-CCVL4P**

#### FR cotton coverall

- Flame Resistant and Arc Rated Classic coverall with two way zipper covered by Protective flap and secured with concealed brass studs, turndown stitched collar, cuffs with concealed studs and part elastic belt. Includes action pleats.
- Manufactured from 100% Flame Resistant lightweight cotton, FR aramid thread, FR brass zipper with aramid ribbon and brass anti-spark press studs.
- NFPA 70E, ASTM F 1506, ASTM F1930, ISO 11611, ISO 11612, HRC=2, ATPV>8cal/cm<sup>2</sup>.
- · Fabrics Certified by UL for Flame Resistance.

Colors	Sizes	Fabric Weight
	S - 4XL	7oz/y² 240g/m²

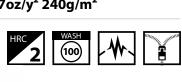
















#### Nomex® FR coverall

- · Inherently Flame Resistant and antistatic high collar lightweight coverall with two way zipper covered by protective flap and secured by concealed brass studs. 6 pockets with additional access to base layer pants pockets. Cuffs with concealed studs and part elastic belt. Includes action pleats, hammer sling and ruler pocket. High stress points reinforced with bar tack stitch.
- Manufactured from Nomex® IIIA (93% Nomex® 5% Kevlar 2% P-140 Antistat) lightweight, FR Nomex® thread, YKK brass teeth zipper with Nomex® ribbon, FR hook-and-loop and brass anti-spark press studs.
- NFPA 70E, ASTM 1506, NFPA 2112 (main components and fabric only), ASTM F1930, ISO 11611; 11612, HRC=1, ATPV=4.1cal/cm<sup>2</sup>.
- Inherent flame resistant properties for life of garment.

Colors		Sizes	Fabric Weight
		S - 4XL	4.5oz/y² 150g/m²
NOMEX <sup>®</sup>	YKK <sup>®</sup>	HRC WA	Multi



BDHVFR-CCVLL3MP

#### Proban® HVFR coverall

- Flame Resistant Arc Rated and High visibility high collar coverall with two way zipper covered by protective flap and secured by concealed brass studs.
- 3M<sup>™</sup> Scotchlite<sup>™</sup> FR reflective material, six pockets with additional access to base layer pants pockets. Cuffs with concealed studs and part elastic belt. Includes action pleats, hammer sling and ruler pocket. High stress points reinforced with bar tack stitch.
- Manufactured from cotton rich FR Proban® finished 75% cotton 25% polyester twill, FR Nomex® thread, YKK brass teeth zipper with Nomex® ribbon, FR hook-and-loop and brass anti-spark press studs.
- ANSI 107, ISO EN 20471, Class 3 HV, NFPA 70E, ASTM F 1506, ISO 11611, ISO 11612, ATPV= 7.1cal/cm<sup>2</sup>, HRC=1.

Colors	Sizes	Fabric Weight	
	S - 4XL	7.5oz/y² 260g/m²	
3M Scot	chlite™ Y	K° PROBAN° Class 3 HRC WASH	 Λulti

#### **BDFR-PCVL6P**

#### FR Premium coverall

- Flame Resistant and Arc Rated high collar coverall with two way zipper covered by protective flap and secured by concealed brass studs. 6 pockets with additional access to base layer pants pockets. Cuffs with concealed studs and part elastic belt. Includes action pleats, hammer sling and ruler pocket. High stress points reinforced with bar tack stitch.
- Manufactured from 88% cotton 12% nylon soft-feel light weight twill with improved abrasion resistance, FR Nomex® thread, YKK brass teeth zipper with Nomex® ribbon, FR hook-and-loop and brass anti-spark press studs.
- NFPA 70E, ASTM 1506, NFPA 2112 (main components and fabric only), ASTM F1930, ISO 11611; 11612, HRC=2, ATPV=8.6cal/cm<sup>2</sup>.
- Fabrics Certified by UL for Flame Resistance.

Colors	Sizes	Fabric Weight
	S - 4XL	7oz/y² 240g/m²
YKK <sup>°</sup>		PRC 2 WASH Multi



#### BDHVFR-PSL3HZPBB

# **Black bottom full zip HVFR** hooded fleece jacket

- Hooded Flame Resistant, Arc Rated (optional antistatic), High Visibility, black bottom, zip up fleece jacket with rib knit cuffs and hem and FR reflective material. Includes brass teeth zipper with fabric protection on inner and outer sides to prevent sparking by ESD (Electric Static Discharge), Kangaroo hand Pockets and hood with draw cord.
- Manufactured from 60/40 cotton/Modacrylic fleece and FR rib knit, Nomex® thread, FR YKK® brass teeth zipper with Nomex® ribbon and Nomex® draw cord.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4 Class 3 HV, NFPA70E, ASTM F1506, ISO 11611, ISO 11612, HRC=2, ATPV=19cal/cm<sup>2</sup> (EN 1149-3 optional).

	M - 5XL	11.2oz/y² 380g/m²	
Colors	Sizes	Fabric Weight	























- Hooded Flame Resistant, Arc Rated,(optional antistatic) High Visibility, black bottom hoodie with rib knit cuffs and hem, FR reflective material, Kangaroo hand pockets, hood with draw cord and spring stoppers.
- Manufactured from 60/40 modacrylic/cotton fleece (black and yellow), FR rib knit, FR reflective material, Nomex® thread and Nomex® cord.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4 Class 3 HV, NFPA70E, ASTM F1506, ISO 11611 ISO 11612, HRC=2, ATPV=19cal/cm<sup>2</sup> (EN 1149-3 optional).

Colors	Sizes	Fabric Weight
	M - 5XL	11.2oz/y² 380g/m²















**BDHVFR-PHWSL3HP** BDHVFR-PSL3HP (Optional): Premium HVFR hoodie HRC=2 ATPV=19.7cal/cm<sup>2</sup>

## **Premium Heavy weight HVFR** hoodie

- Hooded heavy weight Flame Resistant Arc Rated, High Visibility sweatshirt with 3M<sup>™</sup> Scotchlite<sup>™</sup> heat applied Reflective Material. Rib knit cuffs and hem, kangaroo hand pockets, hood with draw cord and spring stoppers.
- Manufactured from 35% Modacrylic 58% Cotton 7% polyester background heavy weight fleece certified to NFPA2112 by UL and 89% Modacrylic 9% polyester 2% spandex rib knit, Nomex® thread, Nomex® cord and YKK spring stopper.
- ANSI/ISEA 107-2010, IS 1258/4, CAN/CSA Z-96, Class 3 HV NFPA70E, ASTM F1506, HRC=3 ATPV=34cal/cm2 NFPA 2733 body burn ratio 7%.
- Fabric certified by UL to NFPA2112.

Colors	Sizes	Fabric Weight
	M - 5XL	14.25oz/y² 484g/m²
Scotchlite Reflective Mate	-	Ansi HRC WASH HRC 50 2

#### **BDFR-PSHZP**

# **Premium FR full zip hooded** fleece jacket

- Hooded Flame Resistant and Arc Rated zip up fleece jacket with rib knit cuffs and hem and kangaroo hand pockets. Hood with draw cord and spring stoppers.
- Manufactured from 55% modacrylic 45% cotton single side brushed fleece, modacrylic cotton spandex rib knit, Nomex® thread, YKK Nomex® zipper and plaited Nomex® draw cord.
- NFPA 70E, ASTM F 1506, HRC=3, ATPV= 28cal/cm<sup>2</sup>.
- · Inherent Flame resistant properties for life of garment.

	S - 4XL	14.25oz/y² 480g/m²
Colors	Sizes	Fabric Weight















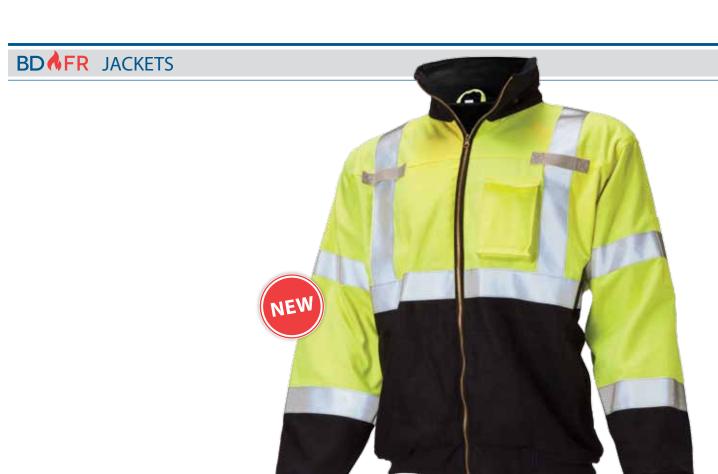
#### BDFR-PSHP **Premium FR hoodie**

- Hooded Flame Resistant and Arc Rated hoodie with rib knit cuffs and hem, and kangaroo hand pockets. Hood with draw cord and spring stoppers.
- Manufactured from 55% Modacrylic 45% cotton single side brushed fleece and modacrylic cotton spandex rib knit. Nomex® thread and plaited Nomex® draw cord.
- NFPA 70E, ASTM F 1506, HRC=3, ATPV= 28cal/cm<sup>2</sup>.
- Inherent Flame resistant properties for life of garment.

S - 4XL 14.25oz/y² 480g/m²	
Colors Sizes Fabric Weight	







BDHVFR-DWQJL3BB

# **New Development**

# **Black Bottom Duck weave HVFR** quilted cotton bomber jacket

- Flame Resistant and Arc Rated duck weave, canvas style cotton rich, high visibility water repellant black bottom bomber jacket with lightweight quilted insulation and FR reflective trim.
- Includes hood with draw cord, flap covering zipper closed with hook-and-loop, 2 internal and 2 external pockets. Rib knitted hem and cuffs.
- Manufactured from FR treated cotton rich duck weave, FR rib knit, 60/40 modacrylic cotton fleece lining, FR aramid thread, brass teeth zipper with FR ribbon, FR cord and FR hook-and-loop.
- Expected to meet: ANSI/ISEA 107-2010, IS 1258/4, ISO EN 20471, NFPA70E, ASTM F1506, HRC=3, ATPV>25cal/cm<sup>2</sup>, ISO 11611 ISO 11612, NFPA 2112 (shell fabric only), heat level 2.8 CLO, NFPA 2733.

Colors Sizes Fabric Weight

M - 4XL 17.5oz/y<sup>2</sup> 595g/m<sup>2</sup>





















BDMFR JACKETS **STORM & RAIN WEAR** 

#### **BDFR-COJ**

# **Cotton quilted FR jacket**

• Flame Resistant and Arc Rated cotton jacket with lightweight quilted insulation. Includes detachable hood with draw cord, flap covering zipper closed with hook-and-loop, 2 internal and 2 external pockets. Rib knitted hem and cuffs.

Shell fabric manufactured from FR treated 100% cotton, FR rib knit, 3M<sup>™</sup> FR Thinsulate<sup>™</sup> Platinum insulation quilted to 100% FR cotton lining, FR aramid thread, brass teeth zipper with FR ribbon, FR hook-and-loop.

 NFPA70E, ASTM F1506, HRC=3, ATPV=26cal/cm<sup>2</sup> ISO 11611 ISO 11612, ASTM F2732 heat level 2.8 CLO.

Fabric Weight Colors Sizes 16oz/y<sup>2</sup> 540g/m<sup>2</sup> S - 4XL

Thinsulate













#### **BDHVFR-COJL3**

# **Proban® HVFR water** repellant bomber jacket

• Flame Resistant, Arc Rated High Visibility, waterrepellant thermal bomber jacket with FR reflective material. Includes hand pockets, inner breast pockets, hood with drawcord, ribbed cuffs and hem. Button down Storm flap covering brass teeth zipper.

• Shell fabric manufactured from cotton rich FR Proban® finished with durable water repellant finish 75% cotton 25% polyester twill with durable water repellant finish and lightweight Modacrylic insulation with 100% FR cotton lining. FR zipper and aramid thread.

• ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV, NFPA 70E, ASTM F 1506, ISO 11611; ISO 11612, HRC=3 ATPV>25cal/cm<sup>2</sup> (combined shell fabric with quilting and lining), ATPV>8cal/cm<sup>2</sup> (inner cotton layer), ATPV=7.1cal/cm<sup>2</sup> (outer shell), ASTM F 2732, heat level 2.5 CLO.

Colors	Sizes	Fabric Weight
	M - 4XL	18oz/y² 610g/m²
3M Thinsulate INSULATION	PROBAN°	Class 3 HRC WASH 50
	mman, s	



#### BD FR STORM & RAIN WEAR

#### **BDHVFR-WBIBJE**

# **HVFR Storm pants**

- Waterproof, Flame Resistant, Arc Rated and High Visibility bib pants with heat applied 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material. Includes clip-lock buckles on wide adjustable elastic braces and plastic press studs at hemmed cuffs and leg openings.
- All seams sewn and reinforced with high frequency welding for highest protection against rain.
- Manufactured from cotton modacrylic jersey knit laminated to a top high Visibility PVC/PU coating FR treated background fabric.
- ANSI/ISEA 107-2010, IS 1258/4, Class E HV, NFPA 70E, ASTM F 1891, HRC=2, ATPV=18.5cal/cm<sup>2</sup>.
- ASTM F2733, Flash Fire (Total Burn 22.13%, 3rd Degree Burn 6.557%), Electric arc rated.
- · Fabrics certified by Arcwear, NC State University and Textest for Flame Resistance, Flash Fire and High Visibility.

Colors Sizes

S-4XL 11.2oz/y<sup>2</sup> 380g/m<sup>2</sup>





Fabric Weight













# **HVFR Storm jacket**

- · Waterproof, Flame Resistant, Arc Rated and High Visibility rain jacket with heat applied 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material. Includes vented back, access slot for safety harness, hood with draw cord, 2 flap covered pockets, press studded cuffs and storm flap covering double slider brass teeth zipper.
- All seams sewn and reinforced by high frequency welding for highest protection against rain.
- Manufactured from cotton modacrylic jersey knit laminated to a top high Visibility PVC/PU coating FR treated background fabric.
- ANSI/ISEA 107-2010, IS 1258/4, Class 3 HV, NFPA 70E, ASTM F 1891, HRC=2, ATPV=18.5cal/cm<sup>2</sup>.
- ASTM F 2733, Flash Fire (Total Burn 22.13%, 3rd Degree Burn 6.557%), Electric arc rated.
- Fabrics certified by Arcwear, NC State University and Textest for Flame Resistance, Flash Fire and High Visibility.

Fabric Weight Colors Sizes **S-4XL** 11.2oz/y<sup>2</sup> 380g/m<sup>2</sup>















# Single layer FR balaclava

- FR balaclava/neck warmer with draw cord and hard hat attachment.
- Made of single layer 89% Modacrylic 9%polyester 2% spandex rib knit, Nomex® thread, Nomex® draw cord, FR hook-and-loop.
- NFPA 70E, ASTM F1506, HRC=2, ATPV=11.6cal/cm<sup>2</sup>.
- Inherent Flame resistant properties for life of garment.

Colors	Sizes	Fabric Weight	
	One Size	9.5oz/y² 322g/m²	













#### **BDFR-BNMX**

#### Nomex® FR balaclava

- FR balaclava, made of 100% Nomex double layer interlock knit, Nomex® thread and Nomex binding.
- NFPA 70E, ASTM F1506, HRC=2.
- Inherent Flame resistant properties for life of garment.

Colors	Sizes	Fabric Weight
	One Size	6oz/y² 204g/m²

**NOMEX**®















# **Heavy weight FR balaclava**

- FR balaclava/neck warmer with draw cord and hard hat attachment.
- Made of 60% modacrylic 40% cotton single side brushed fleece knit, Nomex® thread, Nomex® draw cord, FR hook-and-loop.
- NFPA70E, ASTM F1506, HRC=2, ATPV=19cal/cm<sup>2</sup>.
- Inherent Flame resistant properties for life of garment.

Sizes Fabric Weight Colors One Size 11.2oz/y<sup>2</sup> 380g/m<sup>2</sup>











#### Protal® thermo-active FR balaclava

- CE marked double layer function Fire resistant and antistatic thermo active balaclava.
- Manufactured from 54% modacrylic 27% cotton 17% polyamide 2% antistatic fiber 1% elastin.
- ISO 11612 EN 1149-5.

Sizes Fabric Weight Colors 9.7oz/y<sup>2</sup> 330g/m<sup>2</sup> **S-4XL** 

















# **Protal® thermo-active FR leggings**

- CE marked base layer Dual function Fire resistant and antistatic thermo active leggings.
- Manufactured from 52% modacrylic 26% Cotton 19% polyamide 2% antistatic fiber 1% elastin.
- ISO 11612 EN 1149-5.

Colors	Sizes	Fabric Weight
	S - 2XL	4.85oz/y² 165g/m²

















# Polartec® powerdry® no melt no drip thermal leggings

- No melt and no drip, quick dry, thermal heavyweight leggings with soft elastic waist band.
- Manufactured from Polartec® powerdry® grid fleece 43% modacrylic 34% polyester 18% rayon 5% spandex and FR polyester elastic 25mm waistband and Nomex® thread.
- ASTM D6413 no melt no drip tested with Nomex flight suit.

Colors	Sizes	Fabric Weight	
	S - XL	9.7oz/y² 254g/m²	











## Protal® thermo-active **FR boxer shorts**

- CE marked Dual function Fire resistant and antistatic thermo active boxer shorts.
- Manufactured from 52% modacrylic 26% Cotton19% polyamide 2% antistatic fiber 1% elastin.
- ISO 11612 EN 1149-5.

Colors Sizes Fabric Weight 4.85oz/y<sup>2</sup> 165g/m<sup>2</sup> S - 2XL

















#### BDHV-T0P

#### **T-shirt**

- High Visibility Tee-shirt, single external breast pocket and rib knit collar.
- Manufactured from 100% polyester interlock, High Visibility approved background fabric with moisture management treatment, DTM rib knit.

Colors	Sizes	Fabric Weight	
	S - 4XL	6.1oz/y² 210g/m²	











BDHV-TL2P BDHV-TT3P (optional): Class 3 HV tiger T shirt

#### **Lion HV T-shirt**

- High Visibility Tee-shirt with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material heat applied trim, single external breast pocket and rib knit collar.
- Manufactured from 100% polyester interlock background fabric with moisture management treatment, DTM rib knit.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	M - 4XL	6.1oz/y² 210g/m²
Scotchlite <sup>w</sup> Reflective Material	Class	



BDHV-TT2P

# **Tiger HV T-shirt**

- High Visibility T-shirt with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material heat applied trim, single external breast pocket and rib knit collar.
- Manufactured from 100% polyester birdseye background fabric DTM rib knit.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.

Colors	Sizes	Fabric Weight
	M - 4XL	3.8oz/y² 130g/m²













#### BDHV-ETL2P

# **Economy lion HV T-shirt**

- · High Visibility T-shirt with reflective material trim, single external breast pocket and rib knit collar.
- Manufactured from 100% polyester birdseye background fabric, DTM rib knit.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.
- · Certified by independent laboratory.

	M - 4XL	3.8oz/y² 130g/m²	
Colors	Sizes	Fabric Weight	









#### BDHV-TR07L2

# **Lion cooling HV T-shirt** with black trim

- High Visibility T-shirt with temperature regulation permanent moisture management and ultra fast wicking technology "powered by Coolcore" and 3M™ Scotchlite™ reflective material heat applied trim with black comfort trim, single external breast pocket and rib knit collar.
- Manufactured from 100% polyester jersey knit background fabric "powered by Coolcore", DTM rib knit.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.
- Tested for cooling power by Hohenstein Institute.
- Certified to UPF factor 45+.

Colors	Sizes	Fabric Weight
	M - 4XL	4.1oz/y² 140g/m²
<b>3M</b> Scotchlite	POWERED BY	2 WASH 111 COO











#### BDHV-TR04L2BB

## **Premium Lion cooling new HV** T- shirt with black bottom

- High Visibility Tee-shirt with temperature regulation permanent moisture management and ultra fast wicking technology "powered by Coolcore".
- 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material heat applied comfort trim with black bottom and rib knit collar.
- Manufactured from 100% polyester single jersey knit background fabric "powered by Coolcore", DTM rib knit.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV,
- Certified by independent laboratory.
- Tested for cooling power by Hohenstein Institute .
- Certified to UPF factor 45+.

3M Scoto	M - 4XL	4.1oz/y² 140g/m²
Colors	Sizes	Fabric Weight













#### BDHV-ETL2PBB

## Two tone black bottom **HV T-shirt**

- High visibility black bottom Tee shirt with reflective material trim, single external breast pocket and rib knit collar.
- Manufactured from 100% polyester birds eye background fabric, DTM rib knit.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4 Class 2 HV.

Colors	Sizes	Fabric Weight
	S - 4XL	3.8oz/y² 130g/m²







#### BDHV-VL2 Economy version (optional): BDHV-EVL2

#### **Lion HV vest**

- High Visibility vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim.
- Vest is fastened by hook-and-loop and is finished with black binding.
- Manufactured from 100% polyester solid background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

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#### BDHV-VL2MS

#### Lion solid and mesh HV vest

- High Visibility vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim.
- Vest is fastened by hook-and-loop and is finished with black binding.
- Manufactured from 100% polyester solid and mesh background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	S-4XL	solid 3.5oz/y² 120g/m² mesh 3.25oz/y² 110g/m²











#### BDHV-VL2M Economy Version (optional): BDHV-EVL2M

## **Mesh lion HV vest**

- High Visibility mesh vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim.
- · Vest is fastened by hook-and-loop and is finished with black binding.
- Manufactured from 100% polyester mesh background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV, Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	S-4XL	3.25oz/y² 110g/m²













## **Economy break away lion HV** mesh vest

- · High Visibility, mesh fabric, break away vest with reflective material trim.
- · Vest has multi pockets, five breakaway points joined by hook-and-loop, is fastened by hook-and-loop and is finished with black binding.
- Manufactured from 100% polyester mesh background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

	M-4XL	3.1oz/y² 105g/m²	
Colors	Sizes	Fabric Weight	













#### BDHV-VT2

# **Tiger HV vest**

- High Visibility vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim.
- Vest is fastened by hook-and-loop and is finished with black binding.
- Manufactured from 100% polyester solid background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.
- · Certified by independent laboratory.

	S-4XL	3.5oz/y² 120g/m²	
Colors	Sizes	Fabric Weight	









#### BDHV-VT2M

# **Mesh tiger HV vest**

- High Visibility mesh vest with 3M™ Scotchlite™ reflective material trim.
- Vest is fastened by hook-and-loop and is finished with black binding.
- Manufactured from 100% polyester mesh background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

	S-4XL	3.25oz/y² 110g/m²
Colors	Sizes	Fabric Weight











# **Economy tiger HV vest**

- High Visibility vest with reflective material trim.
- Vest is fastened by hook-and-loop closure and is finished with DTM binding.
- · Manufactured from 100% polyester solid background fabric, polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	S-4XL	3.4oz/y² 115g/m²







# **Economy mesh tiger HV vest**

- · High Visibility mesh vest with reflective material trim.
- Vest is fastened by hook-and-loop and is finished with black binding.
- Manufactured from 100% polyester mesh background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

	S-4XL	3.1oz/y² 105g/m²	
Colors	Sizes	Fabric Weight	







#### **BDOHV** VESTS



#### BDHV-ESVT2Z

# **Economy tiger HV surveyor vest**

- Multi pocket High Visibility vest with reflective material trim.
- Vest is fastened by hook-and-loop and finished with DTM binding.
- Manufactured from 100% polyester solid background fabric, polyester binding and DTM moulded plastic zip.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	M-4XL	3.4oz/y² 115g/m²







# Class 2 MASH Multi

#### BDHV-VJ2

# Jaguar HV vest

- High Visibility vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim.
- · Vest is fastened by hook-and-loop and is finished with black binding.
- Manufactured from 100% polyester solid background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.
- · Certified by independent laboratory.

Colors	Sizes	Fabric Weight	
	XL-2XL	3.5oz/y² 120g/m²	







#### BDHV-EVJ2M

# **Economy mesh jaguar HV vest**

- High Visibility mesh vest with reflective material trim.
- · Vest is fastened by hook-and-loop and is finished with DTM binding.
- · Manufactured from 100% polyester mesh background fabric, polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- · Certified by independent laboratory.

	XL-2XL	3.1oz/y² 105g/m²	
Colors	Sizes	Fabric Weight	









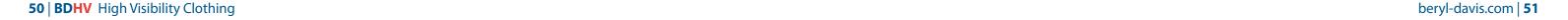
# **Economy jaguar HV vest**

- High Visibility vest with reflective material trim.
- · Vest is fastened by hook-and-loop and is finished with DTM binding.
- Manufactured from 100% polyester solid background fabric, polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight	
	XL-2XL	3.4oz/y² 115g/m²	







#### BDHV-EHSVL3M

## **Economy half sleeve lion mesh HV** vest

- High Visibility half sleeve mesh vest with reflective material trim.
- Vest is fastened by hook-and-loop and is finished with DTM binding.
- Manufactured from 100% polyester mesh background fabric, polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

	M-4XL	3.1oz/y² 105g/m²	
Colors	Sizes	Fabric Weight	









#### BDHV-ELSVT3

## **Economy long sleeve tiger HV** vest

- High Visibility solid fabric long sleeve vest with reflective material trim. Vest is fastened by hook-and-loop and is finished with binding.
- Manufactured from 100% polyester solid background fabric, polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

	M-4XL	3.5oz/y² 120g/m²	
Colors	Sizes	Fabric Weight	













# Half sleeve tiger mesh HV vest

- High Visibility half sleeve mesh fabric vest with 3M™ Scotchlite<sup>™</sup> reflective material trim.
- Vest has lower pocket, is fastened by hook-and-loop and is finished with black binding.
- Manufactured from 100% polyester mesh background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 3 HV, certified by independent laboratory.

3 Scote	M-4XL	3.25oz/y² 110g/m²
Colors	Sizes	Fabric Weight









#### BDHV-EHSVL3MZ

# **Economy Half Sleeve Lion** mesh HV vest with zip

- High Visibility half sleeve mesh vest with reflective material trim.
- Vest is fastened by zip and is finished with DTM binding.
- Manufactured from 100% polyester solid background fabric, polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

	M-4XL	3.4oz/y² 115g/m²	
Colors	Sizes	Fabric Weight	













#### BDHV-LSVT2DS

# Long sleeve tiger HV vest with detachable sleeves

- High Visibility solid fabric vest with 3M™ Scotchlite™ reflective material trim and detachable long sleeves. Vest is fastened by plastic moulded #5 zip and is finished with black binding.
- Detachable sleeves joined by black #5 nylon coil zips. Pockets.
- Manufactured from 100% polyester solid background fabric, black polyester binding and DTM plastic moulded zip.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

	M-4XL	3.5oz/y² 120g/m²	
Colors	Sizes	Fabric Weight	



















#### **BDHV-MVT2ZPDS**

## **Tiger managers HV vest with** detachable sleeves

- High Visibility solid fabric vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim and detachable long sleeves.
- Vest has two lower cargo pockets closed by zips, comfortable foam collar, upper phone pocket with flap and pen pocket, fastened by plastic moulded zip and finished with black binding.
- Manufactured from 100% polyester solid background fabric black polyester binding and plastic moulded zip.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

	M-4XL	3.5oz/y² 120g/m²
Colors	Sizes	Fabric Weight

















## Half sleeve break away mesh lion HV Vest

- High Visibility half sleeve mesh fabric break away vest with reflective material trim.
- Vest has lower pocket, five breakaway points joined by hook-and-loop, is fastened by hook-and-loop and is finished with black binding.
- · Manufactured from 100% polyester mesh background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

	M-4XL	3.25oz/y² 110g/m²	
Colors	Sizes	Fabric Weight	









#### BDHV-VL2MSPRZ

# Lion HV vest with prismatic trim

- High Visibility mesh and solid vest with Oralite® prismatic material trim. Vest is fastened by hook-andloop closure and is finished with black binding.
- Manufactured from 100% polyester mesh and solid background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV, Certified by independent laboratory.

olid 3.25oz/y² 110g/m² nesh 3.5oz/y² 120g/m²

















#### BDHV-VT2TT

# Two tone tiger HV vest

- High Visibility two tone safety vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim.
- Vest is fastened by hook-and-loop and is finished with black binding.
- Manufactured from 100% polyester solid background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight	
	S-4XL	3.5oz/y² 120g/m²	







#### **BDHV-VL2TTM**

#### Mesh HV vest with contrast trim

- High Visibility economy mesh vest with reflective material on a high visibility contrast trim.
- Vest is fastened by hook-and-loop and is finished with DTM contrast binding.
- Manufactured from 100% polyester mesh background fabric, polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	M-4XL	3.25oz/y² 110g/m²









#### BDHV-VL2TTMZP

## **Zipped mesh HV vest with** contrast trim

- High Visibility economy mesh vest with reflective material trim on a high vis contrast trim and two internal pockets.
- Vest is fastened by plastic moulded zip and is finished with DTM contrast binding.
- Manufactured from 100% polyester mesh background fabric, polyester binding and DTM zipper.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight	
	M-4XL	3.25oz/y² 110g/m²	















#### **BDHV-AVL2TTZP**

## Adjustable vest with contrast trim

- High Visibility vest with side extensions, reflective material on a high vis contrast trim, single external pocket and radio clips.
- Vest is fastened by plastic moulded zip and is finished with DTM contrast binding.
- Manufactured from 100% polyester solid background fabric, contrast polyester binding, DTM hook-and-loop and plastic moulded zip.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

	M-4XL	3.25oz/y² 110g/m²	
Colors	Sizes	Fabric Weight	









**BDOHV** CONTRAST VESTS **CUSTOM VESTS** 



#### BDHV-VT1PI

## **Custom tiger HV vest**

- High Visibility two tone vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim printed ID patches back and front, two lower cargo pockets with flaps and hook-and-loop closure, upper pen pocket, phone pocket and plastic D-ring.
- Vest is fastened by plastic moulded zip and is finished with HV yellow binding.
- Manufactured from 100% polyester solid background fabric.
- HV yellow polyester binding and #8 plastic moulded zip with hook-and-loop.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 1 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	M-4XL	3.5oz/y² 120g/m²













#### BDHV-AMVJ1

## Adjustable professional HV vest

- High Visibility vest with side extensions, reflective material trim, single external pocket and radio clips.
- Vest has comfortable foam collar, is fastened by plastic moulded zip and is finished with black binding.
- Manufactured from 100% polyester solid background fabric, black polyester binding, DTM hook-and-loop and plastic moulded zip.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 1 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight	
	M-4XL	3.5oz/y² 120g/m²	











#### BDHV-VT2MS

# Tiger solid and mesh HV vest

- High Visibility vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim.
- · Vest is fastened by hook-and-loop and is finished with black binding.
- Manufactured from 100% polyester solid and mesh background fabric, black polyester binding and DTM hook-and-loop.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- · Certified by independent laboratory.

	S-4XL	solid 3.5oz/y² 120g/m² mesh 3.25oz/y² 110g/m²
Colors	Sizes	Fabric Weight













#### BDHV-VL207

#### **PSV HV vest**

- High Visibility breakaway micromesh vest with oralite® prismatic Imagine and highlite reflective material.
- Vest is fastened by hook-and-loop at five breakaway points, has main heavy duty central zip, epaulettes, cotton foam enclosed collar, adjustable panels for larger fitting over heavier layers, two radio loops, upper cargo pocket with flap and ID pocket and is finished with bias binding.
- Manufactured from 100% polyester micromesh background fabric, cotton binding and DTM hook-and-loop.
- ANSI/ISEA 207-2010, IS 1258/4.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	M-4XL	4.5oz/y² 150g/m²
ORALI	<b>飞</b>	07 WASH 11 1 // // 2















#### BDHV-MVJ2ZP

## Jaguar HV managers vest

- High Visibility managers vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim.
- · Vest has two lower cargo pockets closed by zips, comfortable foam collar, upper phone pocket with flap and pen pocket, fastened by plastic moulded zip and finished with black binding.
- Manufactured from 100% polyester solid background fabric, black polyester binding and plastic moulded zip.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	XL-3XL	3.5oz/y² 120g/m²
Scoto Reflecti	<b>chlite</b> ™ ve Material	Class 2 MASH (25) Multi





#### BDHV-MVJ2MSZP

# Jaguar solid and mesh **HV** managers vest

- High Visibility managers mesh and solid vest with 3M™ Scotchlite<sup>™</sup> reflective material trim.
- Vest has two lower cargo pockets closed by zips, comfortable foam collar, upper phone pocket with flap and pen pocket, fastened by plastic moulded zip and finished with black binding.
- · Manufactured from 100% polyester mesh and solid background fabric, black polyester binding and plastic moulded zip.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

Reflective Material

Colors	Sizes XL-3XL	Fabric Weight  mesh 3.25oz/y² 110g/m²  solid 3.5oz/y² 120g/m²
3M Scoto	 chlite™	WASH [::] [************************************

Ansi WASH Multi



# **Tiger managers HV vest**

- High Visibility managers vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim.
- Vest has two lower cargo pockets closed by zips, comfortable foam collar, upper phone pocket with flap and pen pocket, fastened by plastic moulded zip and finished with black binding.
- Manufactured from 100% polyester solid background fabric, black polyester binding and plastic moulded zip.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

	XL-3XL	3.5oz/y² 120g/m²
Colors	Sizes	Fabric Weight













## Tiger managers two tone HV vest

- High Visibility Managers safety two tone vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim.
- Vest has two lower cargo pockets closed by zips, comfortable foam collar, upper phone pocket with flap and pen pocket, fastened by plastic moulded zip and finished with black binding.
- Manufactured from 100% polyester solid background fabric, black polyester binding and plastic moulded zip.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	XL-3XL	3.5oz/y² 120g/m²
Scotch Reflective		Class 2 WASH WILL Multi

**BDOHV** ADDITIONAL VESTS **SWEATSHIRTS** 



#### **Childrens HV vest**

- High Visibility vest with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material trim.
- Vest is fastened by hook-and-loop and is finished with black binding.
- Manufactured from 100% polyester solid background fabric, black polyester binding and DTM hook-and-loop.

Colors	Sizes	Fabric Weight	
	One Size	3.5oz/y² 120g/m²	
Scotchlite Reflective Material			WASH 25





• High Visibility tabard non conforming with reflective material trim and internal pocket. Fastened by hook-and-loop and elastic sides and is finished with black binding.

BDHV-øMP

**HV** tabard

- Options to Choose from: Polyester mesh, solid fabric, 1" silver bead reflective trim, 1" prismatic white / lime, 1 ½" warning tape.
- Manufactured from 100% polyester mesh background fabric, black polyester binding and hook-and-loop.

Colors	Sizes	Fabric Weight
	One Size	1.75oz/y² 60g/m²



# **Economy lion HV Sweatshirt**

- · High Visibility crewneck lightweight sweatshirt with reflective trim, rib knit collar and cuffs.
- Manufactured from 50% polyester 50% cotton jersey knit with 100% polyester DTM rib knit.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- · Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	M-4XL	5.9oz/y² 200g/m²







#### BDHV-ESL2H

# **Economy lion HV hoodie**

- High Visibility lightweight hoodie with reflective trim and kangaroo hand pocket, rib knit hem and cuffs draw cord and spring stoppers.
- Manufactured from 50% polyester 50% cotton jersey knit with 100% polyester DTM rib knit.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- · Certified by independent laboratory.

	M-4XL	5.9oz/y <sup>2</sup> 200g/m <sup>2</sup>
Colors	Sizes	Fabric Weight





#### BDHV-ESL2HZ

# **Economy lion full zip HV** sweatshirt with hood

- · High Visibility lightweight full zip sweatshirt with hood and zip and reflective trim, rib knit hem and cuffs and kangaroo hand pocket draw cord and spring stoppers. #5 moulded zip.
- Manufactured from 50% polyester 50% cotton jersey knit with 100% polyester DTM rib knit.
- ANSI/ISEA 107-2010, IS 1258/4, Class 2 HV.
- Certified by independent laboratory.

	M-4XL	5.9oz/y <sup>2</sup> 200g/m <sup>2</sup>	
Colors	Sizes	Fabric Weight	











#### BDHV-TSL3HPZ

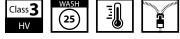
# Thermal lined HV full zip sweatshirt with hood

- · High Visibility thermal lined sweatshirt with hood, zip and 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material. Rib knit hem and cuffs, kangaroo hand pocket, draw cord, spring stoppers and HV YKK #5 moulded zipper.
- Manufactured from 100% polyester single side brushed fleece knit with polyester lycra DTM rib knit. 100% polyester thermal Rochelle knit lining.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	M-4XL	shell 9.4oz/y² 320g/m² lining 5.9oz/y² 200g/m²









#### BDHV-SL3

#### **HV** Lion sweatshirt

- High Visibility crewneck sweatshirt with 3M™ Scotchlite™ reflective material and rib knit collar and cuffs.
- Manufactured from 100% polyester single side brushed fleece knit with cotton lycra rib knit.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	M-4XL	9.4oz/y² 320g/m²









#### BDHV-SL3HZ

# **HV Lion full zip sweatshirt** with hood

- High Visibility sweatshirt with hood and zip and 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material, rib knit hem and cuffs and kangaroo hand pocket draw cord and spring stoppers. #5 DTM moulded zip.
- Manufactured from 100% polyester single side brushed fleece knit with cotton lycra rib knit.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

	M-4XL	9.4oz/y <sup>2</sup> 320g/m <sup>2</sup>
lors	Sizes	Fabric Weight







**BDOHV** SWEATSHIRTS **SOFT SHELL & FLEECE JACKETS** 

#### **BDHV-SL3HZBB**

## **Black bottom full zip HV** sweatshirt with hood

- Black bottom full zip high Visibility sweatshirt with hood and 3M™ Scotchlite™ reflective material, rib knit hem and cuffs and kangaroo hand pocket draw cord and spring stoppers. #5 moulded zip.
- Manufactured from 100% polyester single side brushed fleece knit with cotton lycra rib knit.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.

	M-4XL	9.4oz/y² 320g/m²
Colors	Sizes	Fabric Weight

















# BDHV-JL3SS

# **HV** two tone Soft shell jacket

- · High visibility, water repellant and breathable, soft shell jacket with black contrast trim and 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material.
- Two side pockets and sleeve pocket with zips. Sleeve adjusting tabs for snugger fit.
- Manufactured from 3 layer 100% polyester 75D high elastic woven twill laminated to waterproof and breathable membrane, polar fleece and YKK nylon coil zips.
- ANSI/ISEA 107-2010, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

M-4XL 9.1oz/y	<sup>2</sup> 310g/m <sup>2</sup>



















# **Black bottom HV Soft shell** jacket with hood

- Black bottom High visibility, water repellant and breathable, soft shell jacket with 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material.
- Roll away hood concealed in collar, two side pockets and sleeve pocket with zips.
- Sleeve adjusting tabs for snugger fit. Fleece lined.
- Manufactured from 3 layer 100% polyester 75D high elastic woven twill laminated to waterproof and breathable membrane, polar fleece and YKK nylon coil zips.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.
- · Certified by independent laboratory.

Colors Sizes Fabric Weight 9.1oz/y<sup>2</sup> 310g/m<sup>2</sup> M-4XL **3M** Scotchlite<sup>™</sup> **YKK**<sup>®</sup> Reflective Material















**BDOHV** SOFT SHELL & FLEECE JACKETS

BDHV-RVFJJ2

# **EMS Reversible HV fleece jacket Jaguar**

- · High Visibility, reversible shower and windproof fleece jacket with 3M™ Scotchlite™ reflective material, contrast color for unit identification and epaulettes.
- Plastic moulded teeth zipper with reversible slider Includes two way hand pockets. Rib knit elasticated hem and storm cuffs.
- Manufactured from double sided shell fabric 100% polyester anti pilling velour fleece with laminated waterproof and breathable membrane.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 2 HV.

Colors	Sizes	Fabric Weight
	M - 4XL	150D 144F

















# **JACKETS**

**BDHV-EJT3** 

# **Economy HV tiger bomber jacket**

- High Visibility, waterproof quilt lined bomber jacket with reflective material. Button down Storm flap covering plastic moulded teeth zipper Includes hand pockets, external phone pocket, inner breast pockets, rollaway concealed hood with drawcord. Hook-and-loop tabs around cuffs for fit and elasticated hem from self material. All seams sealed against water penetration.
- Manufactured from shell fabric of 300 D 100% polyester PU coated oxford weave and 100% polyester box guilt lining lining.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	S-4XL	shell: 5.1oz/y² 175g/m² quilt: 7oz/y² 240g/m²
		Class 3 WASH













# Reversible HV tiger bomber jacket

- High Visibility, reversible waterproof bomber jacket with 3M™ Scotchlite<sup>™</sup> reflective material and inner fleece.
- Plastic moulded teeth zipper with reversible slider Includes two way hand pockets, phone pocket, rollaway concealed hood with drawcord. Rib knit elasticated hem and storm cuffs.
- All outer shell seams sealed against water penetration.
- Manufactured from shell fabric of 300 D 100% polyester PU coated oxford weave and 100% polyester fleece lining.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

	Colors	Sizes	Fabric Weight shell: 5.1oz/y² 175g/m²	
r		S-4XL	fleece: 7.6oz/y <sup>2</sup> 260g/m <sup>2</sup>	

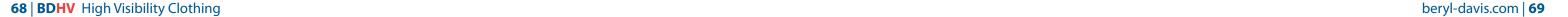












**BDHV-EBJL3BBDF** 

BDHV-EBJL3BB (optional): Economy lion black bottom HV bomber jacket with fixed fleece lining

## **Economy lion black bottom HV bomber jacket** with detachable fleece

- High Visibility, waterproof, black bottom bomber jacket with reflective material and detachable fleece jacket.
- Includes hand pockets, external phone pocket, inner breast pockets and pencil pocket on left sleeve, rollaway concealed hood with drawcord and mic clips.
- Elasticated hem and cuffs from black knit rib, black collar. All seams sealed against water penetration.
- Manufactured from shell fabric of 300 D 100% polyester PU coated oxford weave and 100% polyester fleece lining.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	M-4XL	Shell: 5.1oz/y² 175g/m² Fleece: 7.6oz/y² 260g/m²
Cla	ass 3 WASH	





# Reflective mesh motorbike jacket with protective pads

- Abrasion resistant all surface Reflective mesh motorbike jacket with Oralite® prismatic trim and detachable mesh lining with optional detachable waterproof and breathable membrane.
- Can be fixed in position to utility belt with studded straps. Supplied complete with full set of D30° impact protection pads including elbows, shoulders and back Motorbike standard.
- Pad protection standard EN 1621.

Colors	Sizes	Fabric Weight	
	M-4XL	12oz/y² 408g/m²	













# Premium quilted reversible jacket black and high visibility

- High Visibility, waterproof and breathable, reversible jacket with 3M™ Scotchlite<sup>™</sup> reflective material and 3M<sup>™</sup>Thinsulate<sup>™</sup> insulation.
- Unique design for professional or volunteer with fashionable black water resistant jacket with reflective piping on reversible side.
- Black contrast color, plastic moulded teeth zipper with reversible slider Includes two way zipped hand pockets.
- Storm cuffs with adjustable tabs, all seams on high vis side sealed against water penetration.
- Manufactured from 100% polyester 300D PU coated shell fabric, 100% peached polyester and 60g/m2 3M™ Thinsulate™ insulation.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.
- · Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	M - 4XL	shell fabric: 5.1oz/y² 175g/m²
Scotchlite™ Reflective Material	3M Thinsulate	Class 3 HV  WASH (25)  LATA  D  LATA  E



**BDOHV** JACKETS

#### BDHV-EJOWT3P

## **Quilted HV motorway jacket**

- High Visibility, quilted, waterproof motorway jacket with reflective material.
- Button down Storm flap covering plastic moulded teeth zipper and concealed breast pocket.
- Includes pockets with flaps, external phone pocket, inner breast pockets, rollaway concealed hood with draw cord and internal rib knit storm cuffs. All seams sealed against water penetration.
- Manufactured from shell fabric of 300 D 100% polyester PU coated oxford weave and 100% polyester insulation with taffeta lining.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

Colors

Sizes

Fabric Weight



M-4XL Shell: 5.1oz/y² 175g/m², Quilting: 7oz/y² 240g/m²







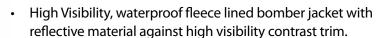












- Button down Storm flap covering plastic moulded teeth zipper. Includes cargo pockets with button down flaps, inner breast pockets, rollaway concealed hood with drawcord.
- Elasticated rib knit cuffs, elasticated hem from self material. All seams sealed against water penetration.
- Manufactured from shell fabric of 300 D 100% polyester PU coated oxford weave and 100% polyester fleece lining.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.

Colors

Sizes

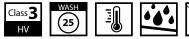
M-4XL

Fabric Weight Shell: 5.1oz/y<sup>2</sup> 175g/m<sup>2</sup>













## **Premium Breathable HV rain jacket**

- High Visibility, waterproof, breathable TC lined rain jacket with black contrast trim and 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material.
- Detachable hood, central waterproof zip with inner storm flap, zipped hip pockets and sleeve pocket, adjustable cuffs, elastic cord at hem with spring stopper.
- All seams sealed against water penetration.
- Manufactured from shell fabric of 300 D, 100% polyester fine oxford weave with premium level laminate waterproof and breathable membrane and 65/35 black TC lining.
- ANSI/ISEA 107-2010, IS 1258/4, Class 3 HV. ASTM F1671 viral protection approved.
- · Certified by independent laboratory.

Sizes Colors

Fabric Weight

shell 5.3oz/y<sup>2</sup> 180g/m<sup>2</sup> lining 5.1oz/y<sup>2</sup> 175g/m<sup>2</sup>

























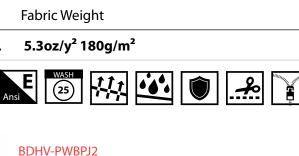
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#### **BDOHV** STORM & RAIN WEAR

## **Premium breathable rain pants**

- High Visibility, waterproof, breathable rain pants with black contrast trim and 3M™ Scotchlite™ reflective material and elastic braces.
- Reinforced Cordura® patch on seat, waterproof zips in fly and down each leg, zipped back pocket and hip pockets, pleated knees and elastic waist band.
- All seams sealed against water penetration.
- Manufactured from shell fabric of 300 D 100% polyester fine oxford weave with premium level laminate waterproof and breathable membrane.
- ANSI/ISEA 107-2010, IS 1258/4, Class E HV. ASTM F1671 viral protection approved.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	M - 4XL	5.3oz/y² 180g/m²
Scotchlite <sup>TM</sup> Reflective Material	A	E WASH (25) CAN DE LA PRINCIPAL PRIN





## Premium cold weather breathable bib pants with thermal lining

- High Visibility, waterproof, breathable, bib pants with contrast trim and 3M™ Scotchlite<sup>™</sup> reflective material.
- Insulated by 3M<sup>™</sup> Thinsulate<sup>™</sup> insulation, bib pocket with flap, boot zips covered by storm flap, side pocket.
- All seams sealed against water penetration.
- Manufactured from shell fabric of 300 D 100% polyester fine oxford weave with premium level laminate waterproof and breathable membrane with guilted taffeta lining and G60 3M<sup>™</sup> Thinsulate<sup>™</sup> insulation.
- ANSI/ISEA 107-2010, IS 1258/4, Class E HV. ASTM F1671 viral protection approved.
- Certified by independent laboratory.

Colors	Sizes	Fabric Weight
	M - 4XL	5.3oz/y² 180g/m² Insulation: 2oz/y² 60g/m²

















#### **BDHV-ERSL3**

### Lion HV rain suit

- High Visibility, waterproof rain suit jacket and pants with reflective material.
- Jacket: Button down Storm flap covering plastic moulded teeth zipper Includes lower pockets with flaps, rollaway concealed hood with drawcord. Hook-and-loop tabs around cuffs for fit.
- Pants: wide elastic waistband, hip pocket access, snaps on leg hem for closer fit.
- All seams sealed against water penetration.
- Manufactured from shell fabric of 300 D 100% polyester PU coated oxford weave
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

Colors Sizes Fabric Weight S - 4XL 5.3oz/y<sup>2</sup> 180g/m<sup>2</sup>











#### BDHV-ERST3

## **Tiger HV rain suit**

- · High Visibility, waterproof rain suit jacket and pants with reflective material.
- Jacket: Button down Storm flap covering plastic moulded teeth zipper Includes lower pockets with flaps, rollaway concealed hood with drawcord. Hook-and-loop tabs around cuffs for fit.
- Pants: wide elastic waistband, hip pocket access, snaps on leg hem for closer fit.
- All seams sealed against water penetration.
- Manufactured from shell fabric of 300 D 100% polyester PU coated oxford weave.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.
- Certified by independent laboratory.

	S - 4XL	5.3oz/y² 180g/m²
Colors	Sizes	Fabric Weight









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BDHV-RSL3PRZ

## Tiger HV rain suit with prismatic trim

- High Visibility, waterproof and breathable two tone rain suit jacket and pants with Oralite® prismatic reflective material.
- Jacket: Button down Storm flap covering plastic moulded teeth zipper. Includes lower pockets with flaps, phone pocket, elastic rib knit cuffs, rollaway concealed hood with drawcord and spring stoppers.
- Pants: wide elastic waistband with drawcord, inner pants pocket access closed with stud, rear pocket with flap and stud, zip in fly and studs on pants hem for better fit. All seams sealed against water penetration.
- Manufactured from shell fabric of 300 D 100% polyester PU coated oxford weave.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class 3 HV.

Colors Sizes Fabric Weight



M - 4XL 5.3oz/y<sup>2</sup> 180g/m<sup>2</sup>















#### **BDHV-OCVLL3TT**

## **Premium cold weather** breathable coverall with thermal lining

- High Visibility, waterproof, breathable, cold weather coverall with black contrast trim and 3M<sup>™</sup> Scotchlite<sup>™</sup> reflective material.
- Insulated by 3M<sup>™</sup> Thinsulate<sup>™</sup> insulation, central front zipper with double slider and storm flap, storm cuffs, elasticated waist with rib knit in back covered by shell fabric for ease of movement, adjustable hood to fit with and without helmet with full mouth protector, waterproof zips throughout, two upper chest pockets, pant legs with side zips and snow blocks, under arm vents.
- All seams sealed against water penetration.
- Manufactured from shell fabric of 300 D 100% polyester fine oxford weave with premium level laminate waterproof and breathable membrane with quilted taffeta lining G60 and G100n 3M Thinsulate™ insulation.
- ANSI/ISEA 107-2010, IS 1258/4, Class 3 HV. ASTM F1671 viral protection approved.
- Certified by independent laboratory.

Colors Sizes Fabric Weight  $M - 4XL \quad 5.3oz/y^2 \ 180g/m^2$ Insulation: 2oz/y<sup>2</sup> 60g/m<sup>2</sup> in arms and legs: 3oz/y<sup>2</sup> 100g/m<sup>2</sup> around torso













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BDHV-EPWE

BDHV-EPWEZ (optional): Economy HV waterproof overpants with leg zippers

## **Economy HV waterproof over pants**

- High Visibility, waterproof over pants with reflective material. Elastic waist and access pockets. All seams sealed against water penetration.
- Manufactured from shell fabric of 300 D 100% polyester PU coated oxford
- ANSI/ISEA 107-2010 class E, ISO EN 20471, IS 1258/4, Class 1 HV.
- Certified by independent laboratory.

Colors Fabric Weight Sizes 5.1oz/y<sup>2</sup> 175g/m<sup>2</sup> M - 4XL













#### BDHV-PPJEMP

**PANTS** 

## **Multi pocket HV work pants**

- Durable High Visibility, water and oil repellant, multi pocket work pants with black contrast trim, cordura patches and 3M™ Scotchlite™ reflective material.
- 13 multifunctional pockets with YKK zips, including concealable clear ID pocket, tool pockets, knee pad pockets, pull cord with stopper at legs, reinforced Cordura® belt loops and D-ring, Cordura® abrasion protection patches.
- Manufactured from 50/50 poly cotton with Teflon DWR treatment. 500 Denier Cordura.
- ANSI/ISEA 107-2010, ISO EN 20471, IS 1258/4, Class E/1 HV.

Colors	Sizes	Fabric Weight
	32-52	7.5oz/y² 260g/m²



**CORDURA®** 













**78** | **BDHV** High Visibility Clothing beryl-davis.com | 79



#### **BDOFENCE UNIFORM**

#### **BDF-DFUFM**

#### **UNIFORM**

- · Military advanced soldier suit.
- · Shirt and pants manufactured from NyCo ripstop with premier moisture management and cooling features.
- YKK plastic moulded zips, military secure buttons, D-rings in each pocket to anchor contents.
- Shirt with zipped turtle neck and upper end zip pocket and incorporating knitted torso with patented cooling technology "powered by Coolcore". Fabric lined heat applied tapes used to lay down and strengthen the seams between the knit and woven fabrics.
- Sleeves and shoulders from woven shell fabric with plastic moulded zipped cargo pocket with flap secured by brass press studs and set on angle on upper sleeve.
- Airvents covered by coolmax mesh at underarms. Double fabric sewn at elbow point for better abrasion resistance.
- Optional D3O® elbow pads can be set into internal pocket. Adjustable cuffs at edge of sleeve.
- Pants with soft hip protection wide technical foam belt with 5 wide secured belt loops, zipped fly and twin buttons to close. Sewn with pressure reducing crotch seam twin cargo pockets at thighs with zips and covered by flaps with press studs to secure.
- Hidden side vents with coolmax mesh and zips.
- Double fabric sewn at knee point and seat for better abrasion resistance. Leg hems with elastic draw cord and secured spring stoppers.
- Optional D30° knee pads with reinforced plastic cap set in window framed with anti-abrasion fabric and adjusters inside pockets for perfect positioning on knees.
- Manufactured from 50% cotton 50% nylon ripstop and 100% polyester birds eye knit.

Fabric Weight Colors Sizes

**S-4XL** 

NyCo 50/50 3.8oz/y<sup>2</sup> 130g/m<sup>2</sup> birdseye knit polyester 4.1oz/y<sup>2</sup> 140g/m<sup>2</sup>



OOL MAX® BRAND

















#### **BDF-DFCT**

## **Cooling tee shirt**

- Military crewneck cut birds eye tee shirt with temperature regulation, permanent moisture management and ultrafast wicking patented technology "powered by Coolcore".
- Tested for cooling power by Hohenstein Institute.
- Certified to UPF factor 45+.

Colors Fabric Weight Sizes



M - 4XL

100% polyester 4.1oz/y<sup>2</sup> 140g/m<sup>2</sup>













82 | BDFENCE Tactical defence wear beryl-davis.com | 83



#### BDF-CPU

## **Civil police or security** personnel uniform

- Long sleeve or short sleeve cotton rich active uniform shirt and multipocket cargo pants.
- Shirt with concealed buttons, zip up underarm air vents with mesh lining, zip up and flap two way breast pockets, tactical and name patches on chest and upper arms with cargo pockets, elbow patches, mic loops, and button down epaulettes.
- Multifunctional pants featuring wide 7 beltloop waistband, 4 front different size cargo pockets, reinforced seat sewn by double layer fabric, zip up pockets for insertion of knee pads, secured by elastic hoops, 2 classic pants pockets and additional 2 tool pockets at side back.
- Manufactured from 80/20 cotton rich twill fabric.

Colors	Sizes	Fabric Weight
	M - 4XL	shirt 195g/m² pant 260g/m²













**BDOFENCE STORM & RAIN WEAR SOFT SHELL JACKETS** 

#### **BDF-DFRS**

## Lightweight military rain suit

- Lightweight waterproof rain suit jacket and pants with seams sealed against water penetration.
- Jacket: raglan sleeve, anti abrasion patches on shoulders and elbows. Heavy weight plastic #10 moulded teeth zipper with storm flap closed by long hook-and-loop strip. Hood with beak and draw cord with spring stoppers, upper left cargo pocket with flap and hook-and-loop to close and elastic cuffs.
- Pants: part elastic waist with draw cord and spring stoppers, brass button to close, fly with heavy weight plastic #10 moulded teeth zip, cargo left hip pocket with flap closed by hook-and-loop strip. Anti abrasion patches on knees and elastic in hem at pants opening.
- Manufactured from shell fabric of 100% nylon ripstop PU coated oxford weave.

Colors Sizes Fabric Weight 3.8oz/y<sup>2</sup> 130g/m<sup>2</sup> **S-4XL** 













#### **BDF-DFSS**

## Military black soft shell jacket

- · Soft shell jacket designed by military personnel and tailored to serve the active professional, protects against wind, light rain and cold.
- Features waterproof concealed hood seam sealed hood with cord and spring stoppers, underarm vents zippered and covered internally by mesh, high collar, adjustable cuffs, front upper chest pocket, elastic draw cord with secured spring stoppers at jacket hem, concealed zippered waist level pockets, optional epaulettes and tactical patches.
- All zips reversed to protect against dust and light rain and all pockets lined with polyester mesh bags.
- Manufactured from 93% stretch polyester and 7% spandex laminated to breathable and waterproof membrane and attached to 100% polyester micro knit velour fleece.

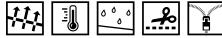
Colors Sizes Fabric Weight 330g/m<sup>2</sup> 9.7oz/y<sup>2</sup> M - 4XL











86 | BDFENCE Tactical defence wear beryl-davis.com | 87

#### **BDF-BUF**

## **Multifunctional cooling tube**

- Military style, multifunctional tubular head scarf with temperature regulation, permanent moisture management and ultrafast wicking patented technology "powered by Coolcore".
- Tested for cooling power by Hohenstein Institute.
- Certified to UPF factor 45+.
- Manufactured from 100% polyester.

	One Size	4.1oz/y² 140g/m²	
Colors	Sizes	Fabric Weight	















## **Knee pads**

• Soft foam flexible lightweight and cuttable knee pads moulded to shape around the knee and to fit easily into built in knee pockets.

• Technical knee pads.

BD-D3O

- D30® knee pads created to absorb and distribute harsh impact and reduce the painful and damaging impact to the knees elbows or other bone structures.
- Manufactured to fit into apparel pockets.
- Range: elbow, knee, shoulder, and hip back.

Colors	Sizes
	One Size





## **Cooling bandana**

- Military style under helmet cooling bandana with temperature regulation, permanent moisture management and ultrafast wicking patented technology "powered by Coolcore".
- Tested for cooling power by Hohenstein Institute.
- Certified to UPF factor 45+.
- Manufactured from 100% polyester.

	One Size	4.1oz/y² 140g/m²	
Colors	Sizes	Fabric Weight	









#### BDF-BCL

## **Cooling balaclava**

- Military style under helmet cooling balaclava temperature regulation, permanent moisture management and ultrafast wicking patented technology "powered by Coolcore".
- Tested for cooling power by Hohenstein Institute.
- Certified to UPF factor 45+.
- manufactured from 100% polyester.

Colors Sizes **Fabric Weight** M - 4XL 4.1oz/y<sup>2</sup> 140g/m<sup>2</sup> coolcore









88 | BDFENCE Tactical defence wear beryl-davis.com | 89



## **Outstanding workwear**

This line of heavy duty workwear is designed and manufactured for you with an emphasis on comfort, durability and your corporate identity under the most difficult of work conditions without compromising either safety or fashion. Where possible we will utilize international textile standards to bring to the table the best the industry can offer. BD industrial workwear range is visible on production assembly lines, clothing security and maintenance personnel, mechanics, engineers and more.



20238

#### **Mechanic's Sweatshirt**

- Suitable for rugged work with fabric that is enduring yet comfortable.
- Ribbed collar and 3 button placket allows for maximum comfort in different temperature conditions.
- Elastane is incorporated into the cuffs allowing the worker to pull up the sleeves.
- A round neck version is available upon request.
- Front breast pocket is optional.
- Manufactured from 50% polyester 50% cotton.

	S - 4XL	280g/m²	
Colors	Sizes	Fabric Weight	

20311

### **Classic Work shirt**

- Classic 2 pocket work shirt.
- Light weight cotton is comfortable in the most oppressive of work conditions.
- Durable enough for a worker to be productive in tough conditions.
- Button or snaps.
- Manufactured from 100% cotton.

	S - 4XL	140g/m²
Colors	Sizes	Fabric Weight



20126

#### Two tone cargo pants

- lending style with function, these pants are tailored to make a worker look good, and feel even better enhancing the corporate image.
- Classic "workers cut" means that these pants give you room where you need it most allowing climbing or squatting without fear of restriction.
- 6 pockets for maximum storage.



92 | BDPRO Professional workwear beryl-davis.com | 93

## Your company's signature statement

We will create for you a line of professional clothing that is tailored, elegant, functional and fashionable to outfit your front line service personnel. It will be designed with an emphasis on ergonomics, comfort, corporate identity and durability to withstand rigorous laundry cycles. The BD professional uniform range is visible on personnel in restaurants, bars, coffee shops, hotels, event centers, couriers and more.

#### 2015

## **Designer chefs coat**

- The design of our chef coats allows the wearer to have freedom of movement whilst looking elegant, clean and professional.
- Available in solid colors and in two-toned variations.
- Allows the chefs to look as appealing as the food that they present. The kitchen is a demanding place, but so are the public areas of the food and beverage department, and the chef is required to be prominent and respected in both.
- Manufactured from 65% polyester 35% cotton.

Colors Sizes Fabric Weight

S - 4XL 220g/m²



#### 20233

# Men's long sleeve button-down Shirt

- An enduring corporate classic, the elegant shirt transcends a wide variety of industries whether in office, hotel, restaurant or other.
- A reinforced collar, placket and cuff, making the wearer feel confident of his appearance.
- Tailored cut, light easy-iron fabric, this item it as comfortable as it looks.
- Manufactured from 65% polyester 35% cotton easy iron.

Colors	Sizes	Fabric Weight
	S - 4XL	100g/m²





20175

## **Elegant cargo pants**

- It's not easy to combine the word "elegant" with "cargo" but we've done it with style.
- Functionality of a multi pocket pants, whilst minimalizing the industrial appearance.
- Internal front pockets and a classic waistband with belt loops.
- Side cargo pockets are fully functional whilst appearing less bulky with zip up pockets for personal items.
- Manufactured from 65% polyester 35% cotton.

Colors	Sizes	Fabric Weight
	S - 4XL	260g/m²

94 | BDPRO Professional workwear beryl-davis.com | 95

MEDICAL / COSMETICS **BD** PRO TAILOR MADE

### Workwear that makes you feel good

This line of clothing for healthcare and cosmetic personnel is designed and manufactured by Beryl Davis to be highly comfortable, smart and durable even after rigorous industrial laundering cycles. The design possibilities and corporate customization of this line are endless. BD medical uniform range is visible on personnel in hospitals, pharmacies, retirement homes, laboratories, cosmetic centers, clinics and more.



#### **Unisex scrub shirt**

- Short sleeve with popular V-neck design.
- Three pockets for convenient storage of both personal and professional items such as stethoscope, pad and pen etc.
- Suitable for staff that demand the ultimate in comfort and freedom of movement.
- Keeping to the standards required by both hospitals and industrial laundries.
- Manufactured from lightweight and comfortable 65% polyester and 35% cotton.



## **Unisex cargo pants**

- pants with soft elastic waistband with drawstring.
- Side cargo pockets with flaps give the safest personal storage for medical personnel.
- Suitable for staff that demand the ultimate in comfort and freedom of movement.
- Keeping to the standards required by both hospitals and industrial laundries.
- Manufactured from lightweight and comfortable 65% polyester and 35% cotton.

	S - 4XL	150g/m²
Colors	Sizes	Fabric Weight

## Tailored specifically to meet your needs

Beryl Davis offers a wide array of diverse options for customized workwear that meets your specific requirements and personalize even the finest details – unique colors, logos, selection of raw materials, accessories and more. The uniform is designed according to customer needs, while taking safety, climate, functionality and fashion into account. This line is visible in a long list of positions in all business sectors.

#### **Custom made T shirt**

- Manufactured from 100% fully combed 160g/m<sup>2</sup> cotton.
- The cut can be tailored to better fit a young staff, or more traditional and loose in order to fit a wider range of sizes.
- Logos can be applied by printing, embroidery or any other method. required to customize the shirt to the clients requirements.

## **Custom made apron**

- manufactured from 65% polyester 35% cotton. 240g/m<sup>2</sup>.
- Multi pocket apron can be tailored to fit the specific needs of shop attendants in the cosmetics, health and beauty sectors.
- The high definition woven tape is an elegantly subtle way to give the corporate image a prime location that can't be missed, and at the same time is not excessively overt.







96 | BDPRO Professional workwear beryl-davis.com | 97

### **Quality Assurance - Raw Materials & Accessories**

Beryl Davis' future and success as a bespoke manufacturer is dependent on its ability to be amongst the leaders of the market segments flame resistance, and that are highly breathable it services. It therefore spends huge amounts and waterproof. Upon demand, it can outfit you of resources developing, sourcing and testing new functional materials, fabrics and accessories are reflective, fluorescent and/or Flame Resistant, that meet the changing world of international either printed, embroidered, laminated, laser cut standards and requirements. Beryl Davis has years of experience advising and servicing the military, police and homeland security. It has numerous NDA agreements signed with suppliers of specialized raw materials.

Beryl Davis offers materials with superior impact usable life of the garment and more. protection and shock absorption that are flexible and lightweight. The company provides specifications and dictates dye stuffs for fabric construction, guaranteeing its performance including tensile and tear strengths, resistance to pilling, shrinkage,

color and wash stability. It uses materials that share characteristics of both high visibility and with logos, insignias, patches and job titles that or CAD cut. It handles materials that combine extreme colors, such as high vis yellow and black that will not bleed into each other under humid and hot conditions. It applies materials that are either inherently FR, or treated with FR, for guaranteed

Beryl Davis will match up the correct materials and accessories to create for you a garment that suits your Industrial environment, without sacrificing quality or performance.

### **Quality Assurance - Certified Laboratory**

The Beryl Davis' technical team and quality control committee realized the company needed its own testing laboratory. Tests performed to meet the standards of international committees do not always cover the actual physical challenges of reactions between materials or finished garments, let alone their reactions to the environment. It needed faster response time and the ability to test materials as soon as they arrived from suppliers, before they enter the production chain, to either reject or approve them without losing precious time. Three years ago the company started to build its own in-house lab in its Suzhou offices in China. The technicians undergo continuous training in order to bring better and more professional results. The lab now is fully equipped to test the performance of materials integrated in its products, and works in parallel with well-known, third-party ISO 17025 certified labs to perform extra testing for official

certification. Developing and controlling materials is one of Beryl Davis' strongest suits, and the lab is one of its main assets.

The results are clear: a significant reduction in defective products and components entering the production line, faster turnaround time and far better control of suppliers. Thanks to the laboratory, development and production of Beryl Davis products starts and finishes correctly from the outset, thus increasing company professionalism. Customer benefits also speak for themselves: higher value for money, confidence in all aspects of production and consistent quality. Beryl Davis has gone even further in caring for its customers and now tests the finished goods as packed items, simulating the delivery and storage environment we expect will occur during transit and in extended warehousing time.

We truly believe we have you covered.



beryl-davis.com | 99 98 | BERYL DAVIS We've got you covered

#### **International Standards**

#### **HIGH VIS STANDARDS:**

- ANSI/ISEA 107-2010 American National Standard for High Visibility Safety Apparel and Head ware Devices
- ANSI/ISEA 207-2011 American National Safety Standard for High-Visibility Public Safety Vests.
- ISO EN20471:2013 High Visibility Clothing Test method and Requirements
- CAN CSA Z-96 Canadian and New Zealand High Visibility Safety Apparel
- IS 1258/4 Israeli Standard for High Visibility Safety Apparel

#### **FIRE STANDARDS:**

- NFPA 2112-12 standard on Flame Resistant Garments for Protection of Industrial Personnel against Flash Fire
- NFPA 70E Standard for Electrical Safety in the Workplace
- ASTM F 1506-10a Standard Performance Specification for flame resistant and arc rated textile materials for wearing apparel for Use by Electrical Workers Exposed to Momentary Electric Arc and related Thermal Hazards
- ASTM F 2733-09 Standard Specification for Flame Resistant Rainwear for Protection against Flame Hazards
- ASTM F1930-00 Standard Test Method for Evaluation of Flame Resistant Clothing for Protection against Flash Fire Simulations using an Instrumented Manikin
- ASTM F 1959-14 Standard Test Method for Determining the Arc Rating of Materials for Clothing
- ASTM F 1891-12 Standard Specification for Arc and Flame Resistant Rainwear
- ISO 11611:2007 Protective Clothing for use in welding and Allied Processes
- ISO 11612:2008 Protective Clothing Clothing to Protect against Heat and Flame. Flame. Supersedes EN 531
- ISO 14116:2008 Protective Clothing Protection against Heat and Flame – Limited Flame Spread Materials, Material Assemblies and Clothing Supersedes EN 533:1997
- EN 61482-1-2 Box Test Protective Clothing against the Thermal Hazards of an Electric Arc

#### **ANTI-STATIC STANDARDS:**

- ISO EN 1149-3 Protective Clothing. Electrostatic Properties. Test methods for measurement of Charge Decay
- ISO EN 1149-5 Protective Clothing. Electrostatic Properties. Material Performance and Design Requirements

#### **INSULATION STANDARDS:**

 ASTM F 2732- 11 Standard Practice for Determining the Temperature Ratings for Cold Weather Protective Clothing

#### **ABBREVIATIONS:**

- NFPA National Fire Protection association
- ANSI American National Standards Institute
- ASTM American Society for Testing and Materials
- ISO International Organization for standardization
- EN European Standard
- CAN CSA Canadian Standards Association
- FRC Flame Resistant Clothing
- ATPV Arc Thermal Protective Value
- ESD Electric static discharge

#### **HRC HAZARD RISK CATEGORY:**

- HRC 0 N/A Non-melting or untreated natural fiber (100% cotton)
- HRC 1 >5cal/cm<sup>2</sup> FR vests or FR tee shirts
- HRC 2 >8cal/cm<sup>2</sup> Cotton underwear and or FR shirt and FR pants
- HRC 3 >25cal/cm<sup>2</sup> Cotton underwear plus FR shirt and FR pants plus sweatshirt or jacket and or coverall
- HRC 4 >40cal/cm<sup>2</sup> Cotton underwear plus FR shirt & pants with sweatshirt plus double layer switching coat and pants

#### **Certifications**

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1808074 1308074	AMari Breaker	19. Ton 19.504 25.514 Table 2: Mater Serie Time, s	6.107 6.027 6.027 6.029 Field Response Characte Covered, fing 61, 2.107	II. II III. III III. III III. III. III.	15.700 14.802 16.806 Countl. Nog 63 3.41 902	9.000 9.000	15.00 15.75 34.01		Shell testifes 80-Chart 207 80-Chart 208 80-C10003 80-C10007 80-C10009	7.0 colve <sup>2</sup> , MM, Cotton 12% Rylon, Twill Wasse with PR Treatment 9.0 colve <sup>2</sup> , comp. compact_20% rollon, full treatment 13.0 colve <sup>2</sup> , 10% Cotton Caren Series, Twill Wasse and PR Treatment 7.0 colve <sup>2</sup> , 10% Cotton, Colven, Twill Wasse and PR Treatment 9.0 colve <sup>2</sup> , 20% Cotton, Early Makes with PR Treatment 9.0 colve <sup>2</sup> , 20% Cotton, Early Makes with PR Treatment
180807	Aller H.  Aller H.  Aller H.  Breiter Chart	ju. Tju ju. ju. ju. ju. ju. ju. ju. ju. Table 2: Mate Sere (pr.) (m). ing (pr.) (m).	6.357 6.357 6.357 6.367 6.369 rial Response Characte Gressit, fag 81	11.11 20.45 22.18 ristics-Coveralis Coveral, log 45	15.799 14.912 36.696 Countl, Nog 63	9.000 9.000	15.00 15.75 34.01		Shell testifes 80-Ch881207 80-Ch881208 80-Ch801208 80-Ch8007	7-5 colvy <sup>2</sup> , 6Mr. Cotton (2Pr. Sylvor, Text Heaves with Ph. Treatment to colvy <sup>2</sup> , 6th Cotton (2Pr. Sylvor, Text Heaves with Ph. Treatment 13-3 colvy <sup>2</sup> , 150°s Cotton (2Press, Text Heaves with Ph. Treatment 7-0 colyy <sup>2</sup> , 150°s Cotton, Text Texton with Ph. Treatment
1809074	Affair Breaks Utan Affair Breaks Utan	ps. Ton  19.5%  25.5%  Table 2: Mate  Series Time, s  ser des/hel, in ing (yes/red)	6.107 6.167 6.167 6.167 6.167 rial Response Characte Ceresti, Rey 81 2.17 80	II. III III. II	15.799 14.801 34.800 Countl, Nag 83 3.41 802 703	9.000 9.000	15.00 15.75 34.01		Shell testifes 80-Chart 207 80-Chart 208 80-C10003 80-C10007 80-C10009	7.0 colve <sup>2</sup> , MM, Cotton 12% Rylon, Twill Wasse with PR Treatment 9.0 colve <sup>2</sup> , comp. compact_20% rollon, full treatment 13.0 colve <sup>2</sup> , 10% Cotton Caren Series, Twill Wasse and PR Treatment 7.0 colve <sup>2</sup> , 10% Cotton, Colven, Twill Wasse and PR Treatment 9.0 colve <sup>2</sup> , 20% Cotton, Early Makes with PR Treatment 9.0 colve <sup>2</sup> , 20% Cotton, Early Makes with PR Treatment
180807	Affair Breaks United Breaks United Brigge United Brigge	ju. Tju ju. ju. ju. ju. ju. ju. ju. ju. Table 2: Mate Sere (pr.) (m). ing (pr.) (m).	6.367 6.367 6.367 6.367 6.369 rial Response Characte Covered, flag 85, 2.17 80 100 100	III.III JII.49 J	25.790 34.841 36.480 Commit. Rep. 63 3.61 902 703 NO	9.000 9.000	15.00 15.75 34.01		Shelf tention 60 - Child (207 60 - Child (208 60 - Child (208	This convert, 64th Coston (25th Sprion, Their Steamer with Fill Steamers) This convert, 19th Coston (25th Sprion, Their Steamer with the Steamers) 13.3 convert, 19th Coston Coston, Their Steamer with Fill Steamers 2.0 convert, 19th Coston, Coston, Their Steamers with Fill Steamers 8.0 convert, 19th Coston, Steamers Steamers Steamers 2.0 convert, 19th Coston, Steamers and Steamers 2.0 convert, 19th Coston, Steamers and Coston with Theodorean 13.0 convert, 19th Coston, 19th Princes with Fill Steamers
1808074 1308074	Afford Services  Afford Services  Chair  Bright  Services  Chair  Services	ps. Top  13 Selection 1 Select	6.007 6.007 6.007 6.007 6.000 6.0000, free 91 2.107 90 195 90	III. III III. III III. III III. III. II	25.798 14.862 36.488 Countl, Rep 63 3.81 903 YES NG NG	9.000 9.000	15.00 15.75 34.01	Hart	Shell tention 60-chart 207 60-chart 208 80-chart 208 80-chart 7 80-chart 8 80-chart 8 80	This convert, Meth. Control 12th, Replon, Their Wasser with Pfil Prosidence to a convert, some control 22th seption, Their Wasser with Pfil Prosidence 12th oppyrd, 12th Control Design, Their Wasser with Pfil Prosidence 2.5 aboyet, 20th Control, Their Wasser with Pfil Prosidence 9.6 aboyet, 20th Control, Pfil Wasser with Pfil Prosidence 7.6 aboyet, 20th Control, Pfil Wasser with Pfil Prosidence 7.6 aboyet, 20th Control, Control, Control, Control, Pfil Pfilestered























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## **Quick reference symbols**



HV Class ANSI/ISEA 107 IS 1258/4



Thermo-Active



Detachable



Electric arc Hazard Risk category HRC



Breathable



Tailored



HV Class ANSI/ISEA 107 ISO EN 20471 IS 1258/4



Hvdrophilic



Pockets



Will withstand # of washes



Naterproof



Zipper



properties durable for life of garment



Shower-Proo



Branding



Anti static



Durable



Flash Fire & Electric arc



Adjustable sizing

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