

RAINWEAR GUIDE

COMMON APPLICATIONS FOR MCR SAFETY RAINWEAR GARMENTS

PREMIUM STYLES:

Big Jake 2 (BJ2) - 11 oz. per square yard, PVC / Meta Aramid Flame Resistant rainwear, Hi-visibility with silver reflective tape. Meets ANSI 107 Class 3 and Class E Hi-Visibility standards, tested ASTM F1891, ASTM F2733, ASTM F903, and NFPA 70E CAT2 with an ATPV rating of 11 cal/cm². Not NFPA 2112 compliant. Utilities, construction, electrical hazards.

Luminator - Our hi-vis Luminator offerings are available in different materials and these styles: Classic, Challenger, Wizard, and Navigator. Excellent for any application where visibility is top priority, Sanitation Workers, Police, Road Crews, and Airlines.

Dominator (388) - .42mm PVC/Hi Tensile Polyester/PVC. Limited flammability, green PVC/Hi Tensile Polyester/PVC is quickly identified for chemical applications including chemical plants, refineries, and environmental clean-up.

Navigator (550) - .22mm Nylon/Polyurethane. Limited flammability, lightweight taffeta fabric. Construction industry, general maintenance, and general industry.

Navigator (560) - .25mm TPU/Nylon, Lightweight yet durable, resistant to fats, oils, and greases. Metal snaps. Great for food processing.

Concord (800) - .35 mm, Neoprene/Nylon. Mining industry, petroleum related industries, logging and ship building organizations.

Hydroblast (840) - .35 mm, Neoprene/Nylon. Suits specially designed for hydroblasting. Velcro closures ensure water tight seals at all openings. Excellent for any clean-up operation.

PLUS STYLES:

Classic (200) & Classic Plus (240) - .35mm PVC/Polyester. All around "Classic" foul weather gear, construction industry, utilities, municipalities, airlines, environmental clean-up. Resists many oils, acids, and solvents.

Wizard (300) - .28mm PVC/Nylon/PVC. Limited flammability, chemical protection, fertilizer plants, trucking industry, D.O.T.'s, sanitation workers, and paper mills.

Schooner II (2000) - .35mm PVC/Polyester Poncho. For recreational purposes including sporting events, concerts, hunting and fishing.

Hydroblast (390) - .28mm, PVC/Nylon/PVC. Suits specially designed for hydroblasting. Velcro closures ensure water tight seals at all openings. Excellent for any clean-up operation.

Commodore (600) - .40mm PVC/Non-Woven Polyester/Nylon. All weather suit, provides warmth in winter, absorbs perspiration in summer, protects against industrial oils and solvents.

Challenger (700) - .16mm PVC/Nylon. Used in amusement parks, golf courses, company recognition, and safety awards.

VALUE STYLES:

Schooner (O40) & Schooner Jr. (O20) - Schooner O40 is .10mm PVC Poncho, and Schooner Jr. is .02mm Polyethylene Poncho. For recreational purposes including sporting events, concerts, hunting and fishing.

Zodiac (O50) - .10mm Single Layer PVC. For light splash protection, day labor situations, and any disposable need.

Squall (O70) - .20mm Single Layer PVC. Refinery clean-ups, day labor situations, general maintenance, theme parks, and prisons.



MCR SAFETY
WE PROTECT PEOPLE



Rainwear Style Number Guide

1st and 2nd Numbers

- 02 - .02mm Polyethylene
- 04 - .10mm PVC
- 05 - .10mm PVC
- 07 - .20mm PVC
- 20 - .35mm PVC/Polyester
- 22 - .35mm PVC/Polyester Jacket w/ Zipper Front
- 23 - .32mm PVC/Polyester
- 24 - .35mm PVC/Polyester Jacket w/Corduroy Collar
- 26 - .35mm PVC/Polyester 60" Ridercoat
- 29 - .35mm PVC/Polyester
- 30 - .28mm PVC/Nylon/PVC, LF
- 36 - .28mm PVC/Nylon/PVC 60" Ridercoat, LF
- 38 - .42mm PVC/Hi Tensile Polyester/PVC, LF
- 39 - .28mm PVC/Nylon/PVC, LF
- 50 - .16mm Polyester/Polyurethane
- 50 - .25mm Polyester/Polyurethane
- 51 - .40mm Polyurethane/Cotton Polyester
- 55 - .22mm Nylon/Polyurethane, LF
- 56 - .25mm TPU/Nylon
- 59 - .35mm Polyester/PU/Polyester
- 60 - .40mm PVC/Non-woven Polyester/Nylon Lining
- 70 - .16mm PVC/Nylon
- 80 - .35mm Neoprene/Nylon, LF
- 84 - .35mm Neoprene/Nylon w/ Hook & Loop Closure, LF

*LF =  Limited Flammability

*FR=  Flame Resistant

3rd Number

- 0 - Yellow 
- 1 - Flat Orange , or
Fluorescent Orange 
- 2 - Clear 
- 3 - Blue 
- 7 - Black 
- 8 - Kelly Green , or
Lime Green 

4th Number

- 0 - Poncho (3 digit style #'s)
- 1 - 1 Piece Coverall
- 2 - 2 Piece Suit
- 3 - 3 Piece Suit
- BF - Bib Style Pants w/ No Fly
- BP - Bib Style Pants w/ Fly
- C - 49" Raincoat w/ Detachable Hood
- CH - 49" Raincoat w/ Attached Hood
- CN - 49" Raincoat w/ No Hood
- H - Hood
- J - Jacket w/ Detachable Hood
- JH - Jacket w/ Attached Hood
- JN - Jacket w/ No Hood
- PW - Waist Pants
- R - Reflective

Specialty Items: Insulated jackets/pants/vest. Part number not reflected in number guide. Variable thickness because of insulation.

Sizing is Denoted	Men's		Ladies	
	Jacket	Pants	Jacket	Pants
S - Small	34 - 36	28 - 30	6 - 8	10 - 12
M - Medium	38 - 40	32 - 34	10 - 12	14 - 16
L - Large	42 - 44	36 - 38	14 - 16	18 - 20
XL - Extra large	46 - 48	40 - 42	18 - 20	22 - 24
X2 - XX Large	50 - 52	44 - 46	22 - 24	26 - 28
X3 - XXX Large	54 - 56	48 - 50	26 - 28	30 - 32
X4 - XXXX Large	58 - 60	52 - 54	30 - 32	34 - 36
X5 - XXXXX Large	62 - 64	56 - 58	24 - 36	38 - 40
X6 - XXXXXX Large	66 - 68	60 - 62	38 - 40	42 - 44
X7 - XXXXXXX Large	70 - 72	64 - 66	42 - 44	46 - 48
X8 - XXXXXXXX Large	74 - 76	68 - 70	46 - 48	50 - 52
X9 - XXXXXXXXX Large	70 - 72	64 - 66	50 - 52	54 - 56

How to Measure:

For Chest / Bust Size - Measure just under the arms and across the broadest part of the chest area. Hold tape firm and level.
Waist - Measure around waist, over shirt (not over pants) at the height you normally wear pants.

Big Jake®



BJ238JH
M-X5



BJ238CH
M-X5



BJ238PW
M-X5



BJ238BP
M-X5

Luminator



5182S
M-X4



5182
S-X7



518C
M-X4



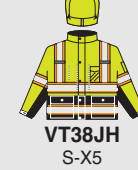
Insulated Luminator



BPCL3L
L-X4



BMRCL3L
L-X4



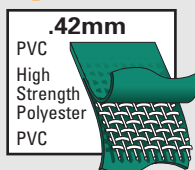
VT38JH
S-X5



VT38BP
S-X5



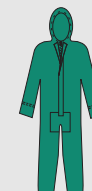
Dominator



.42mm



2981
S-X4



3881
M-X5



3882
S-X9

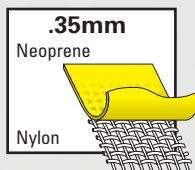


388J
M-X3

.35mm Industrial Grade
*Not Limited Flammability



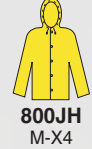
Concord



.35mm



800JN
M-X3



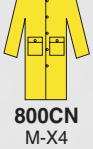
800JH
M-X4



800BF
S-X4



800BP
S-X3

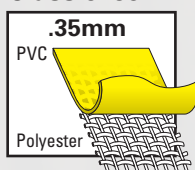


800CN
M-X4

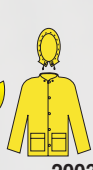


800H
One Size

Classic .35mm



.35mm



2003
S-X7

FR2003
M-X7



2003F
S-X8



200J
S-X6



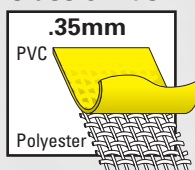
200JH
L-X5



220JH
M-X3



Classic Plus



.35mm



2403
S-X4



2413
M-X3,X5



2403R
M-X4



240C
S-X5

247C
M-X5

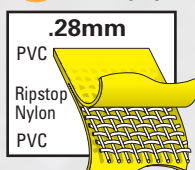
241C
M-X5



240J
M-X3



Wizard



.28mm



3003
S-X7



300J
M-X5



300JH
M-X3



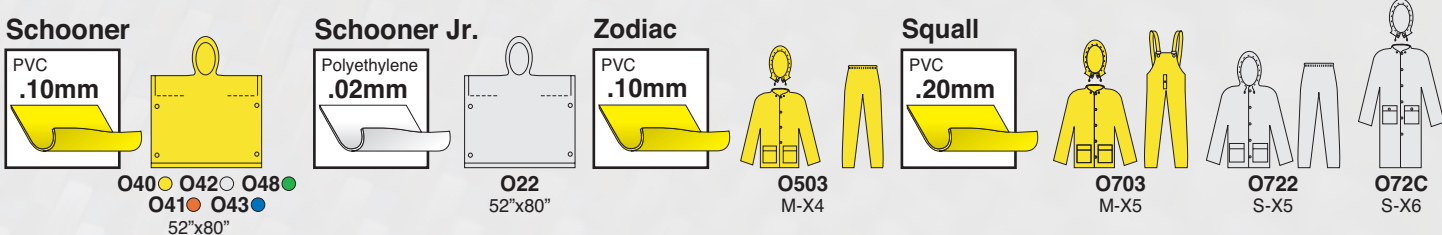
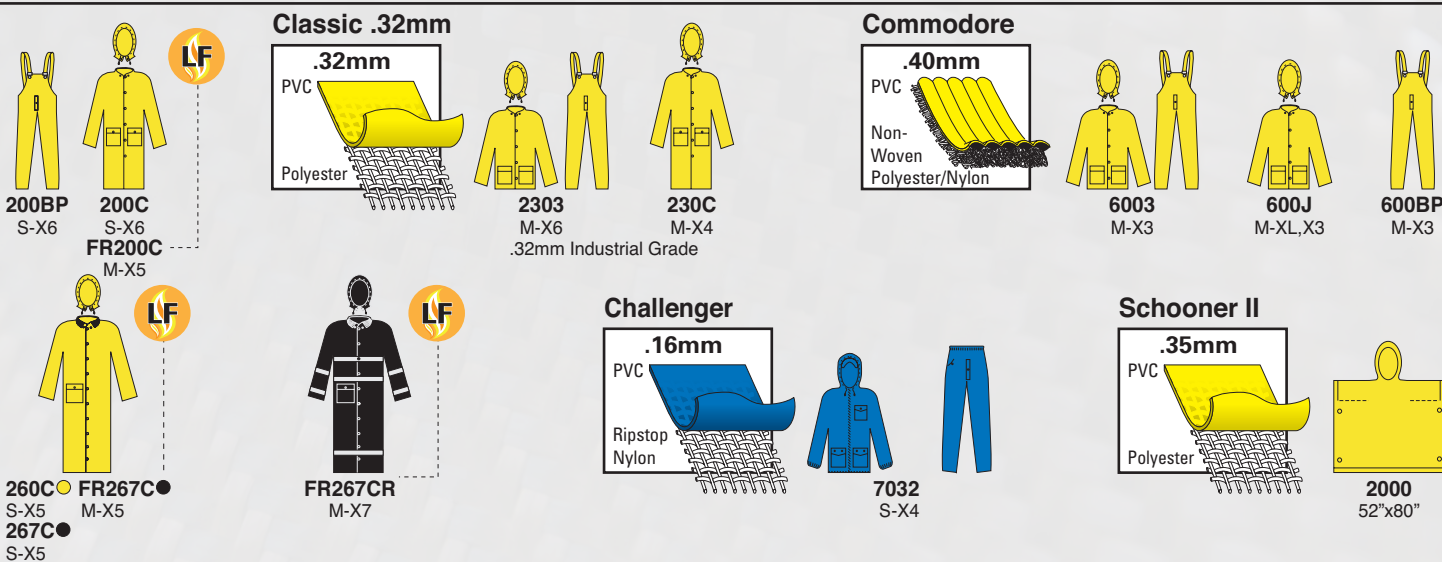
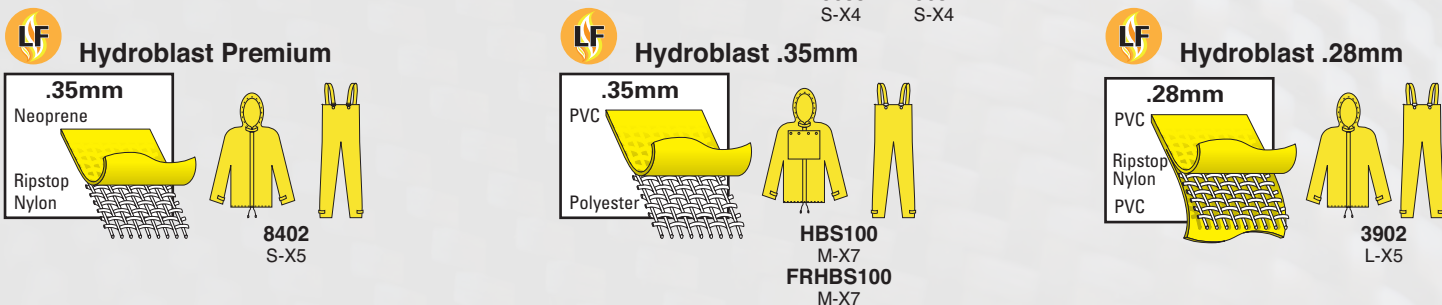
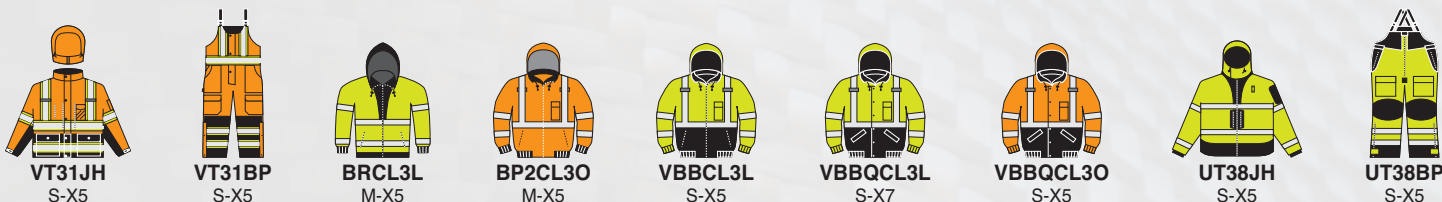
300BP
S-X5



300C
S-X6



360C
M-X7



ABRASION RESISTANCE – The ability of a fabric to withstand loss of appearance, utility, pile or surface through the destructive action of rubbing.

BACKING – An extra wrap or filling, or both, woven into or knitted on the back of a fabric to give it support or additional weight. Polyester is the most common.

COATING – A finishing process in which some substance, eg., poly vinyl chloride (PVC), neoprene, or polyurethane covers the fabric on one or both sides.

DENIER – The weight measurement of the synthetic filament yarns and fibers. The low numbers represent the finer yarns and the higher numbers represent the heavier yarns.

DIELECTRICALLY SEALED SEAMS (WELDED) – Seams are sealed by heating the fabric to the point of melting them together.

KNITTED POLYESTER – A material made by tightly interlocking loops of polyester to make a smooth and comfortable fabric.

LIMITED FLAMMABILITY – Items that are limited flammability have been tested using test method ASTM D-6413 to observe the materials reaction to open flame. These materials will melt and/or burn when in contact with flame, but will self-extinguish within a matter of seconds once the source of the flame is removed. Limited Flammability items should not be used as protection from flame or electric arc, always wear appropriate FR Clothing. By self-extinguishing, these materials will help reduce the potential of further burn injury by self-extinguishing as compared to other rainwear that is not limited flammability. This information is provided as a guide only and is not to be considered a warranty of product performance. Due to the diverse field conditions and other variables which can affect any garment's resistance, MCR Safety disclaims all warranties (expressed and implied) as to product performance. Sample products are available, upon request to permit customers to determine whether a given product meets their requirements for intended applications.

LAMINATION – A process of binding one fabric to another by means of an adhesive or heat.

PATTERNS – The most common component pieces for rainwear are:

- Jacket - 30" Waist Length.
- Coat - 49" Knee length
- Coat - 60" Ankle Length
- Waist Pant - Elastic Waist
- Bib Pants - Front panel higher than back.
- Overall- Same extended height in front and back.
- Suit - Combination of jacket and pant above.
- Coverall - Jump suit style garment.

PLY – The number of single layers laminated together.

RAGLAN SLEEVES – This is one of the most common methods of constructing a jacket. There are two front panels, one back panel, and two sleeves. The sleeves are sewn and/or heat sealed to the other three panels. This construction allows for more mobility in the jacket.

RIPSTOP NYLON – A fabric with an overwoven grid designed to add strength to the fabric and help prevent tears from spreading.

SEAM SEALING – A process in which the stitch line of a garment is made leak proof by the application of seam tape or heat sealing.

RAINWEAR DEFINITIONS

STITCHED AND TAPED SEAMS – The seams are stitched and then a waterproof tape is heat sealed over the stitching. This makes the seams waterproof.

STORM FLY FRONT – A panel built into the front of the jacket that blocks the water from blowing through the front closure. ASTM F1891 – Standard Specification for Arc and Flame Resistant Rainwear.

ASTM F1891 – Standard Specification for Arc and Flame Resistant Rainwear

ASTM F2733 – Standard Specification for Flame-Resistant Rainwear for Protection Against Flame Hazards.

ASTM F903 – Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Liquids.

ANSI 107 - American National Standard For High-Visibility Safety Apparel And Accessories.

NFPA 70E - Standard for Electrical Safety in the Workplace®.



MCR SAFETY

For additional information contact sales or customer service at 800-955-6887 or search online at www.mcrcsafety.com.