

RADIATION PROTECTION

APPAREL

Mobile Racks & Eyewear



U UNIQA MEDICAL



Radiation Protection for 

CONTACT US

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www.UniqMedical.com

An Introduction...

Uniqqa Medical are the Australian distributors for Barrier Technologies - a leading manufacturer and innovator of radiation protection products that protect healthcare personnel from the harmful effects of scatter radiation.



Anti-Bacterial Stain-Resistant Fabric

The unique UltraFlex fabric protects healthcare practitioners from all types of occupational hazards by being completely impervious to liquids thus eliminating stains and exposure to hazardous fluids produced during procedures.

UltraFlex fabric: is easy to clean and disinfect; has four way stretchability which combined with the lightweight, flexible Lead Free core material keeps your movements flexible; feels luxurious; and comes in 8 vibrant colours.



A Revolutionary Magnetic Closure System

A commitment to product innovation led to the development of MagnaGuard, a revolutionary magnetic closure system that eliminates the need for velcro. Extensive bacteriological testing confirmed the presence of MRSA and other dangerous bacteria on the velcro closures of aprons and thyroid collars. This bacteria is a cause of HAI (Hospital Acquired Infection) which costs the healthcare industry billions of dollars per year.

MagnaGuard can be properly disinfected with a hospital grade disinfectant which will help eliminate these dangerous forms of bacteria. The end result is a protective garment that is cleaner, safer, longer-lasting, and environmentally friendly which benefits the healthcare institution, practitioner, and patient.



Apparel is tested and certified by an independent laboratory to comply with the latest international standards on personal radiation protection - IEC 61331-1:2014 and IEC 61331-3:2014. Providing confidence in the protection you are wearing.

Light Weight Core Protection

LEAD FREE (PBF)

Composed of 75-85% heavy metal composites which include Tungsten, Magnesium, Titanium and Bismuth encapsulated in a vinyl resin and plasticiser matrix. This material does not contain lead and is toxin free.

Tested and certified by an independent, IEC recognised, laboratory to be compliant with IEC 61331-1:2014 and IEC 61331-3:2014.

Shielding properties are as follows, as determined by National Physical Laboratory (UK) according to 61331-1:2014 using inverse broad beam geometry:

0.25mm Pb Equivalency

kV	Equivalent Lead Thickness (mm)	Attenuation (%)	PASS/FAIL
50	0.2406	98.9	PASS
70	0.2651	96.2	PASS
90	0.2725	92.3	PASS
110	0.2649	89.1	PASS
120	0.2603	87.2	PASS
150	0.2508	81.8	PASS

0.35mm Pb Equivalency

kV	Equivalent Lead Thickness (mm)	Attenuation (%)	PASS/FAIL
50	0.3464	99.3	PASS
70	0.3642	98.2	PASS
90	0.3649	95.8	PASS
110	0.3512	91.9	PASS
120	0.3420	90.9	PASS
150	0.3258	87.6	PASS

0.50mm Pb Equivalency

kV	Equivalent Lead Thickness (mm)	Attenuation (%)	PASS/FAIL
50	*	99.7	PASS
70	0.5578	99.4	PASS
90	0.5593	98.4	PASS
110	0.5187	96.7	PASS
120	0.5006	95.2	PASS
150	0.4658	91.9	PASS

* The ionisation current from the chamber was too low to be measured accurately

Full reports are available on request

Vest & Skirt

www.UniqaMedical.com/apparel



STANDARD

Code: SVS

- Lightest weight vest
- Full frontal overlap
- Thyroid collar included
- 2 lines of embroidery on pocket included



SUPPORT

Code: MSPVS

- Midline overlap with lumbar support belt
- Also available with a full frontal overlap (SSPVS)
- Thyroid collar included
- 2 lines of embroidery on pocket included



BARRIER FLEX

Code: BFVS

- Reverse style vest
- Transfer weight from shoulders to hips
- Thyroid collar included
- 2 lines of embroidery on pocket included

Wrap Around Apron

www.UniqaMedical.com/apparel



BARRIER WRAP

Code: MBWSP

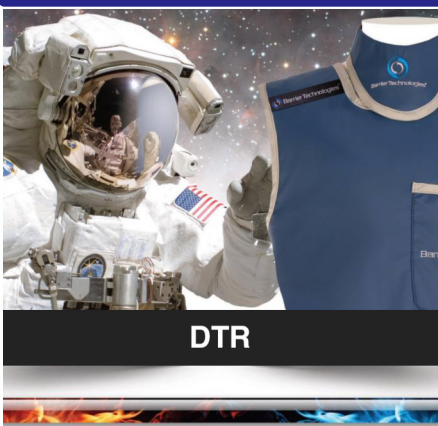
- Midline overlap with lumbar support belt
- Also available with a full frontal overlap (SBWSP)
- Thyroid collar included
- 2 lines of embroidery on pocket included



BARRIER FLEX FRONT & BACK

Code: BFFB

- Reverse style apron
- Transfer weight from shoulders to hips
- Thyroid collar included
- 2 lines of embroidery on pocket included



Ask us about our Dynamic Temperature Regulating (DTR) lining.

DTR utilises phase change materials (PCM) that absorb, store and release heat for optimal thermal comfort in your own micro-climate.

Just Right

Front Only Apron

www.UniqaMedical.com/apparel



ADJUSTABLE FLEX WIDE BELT

Code: AFWB

- Fully adjustable back saver belt
- Velcro shoulder strap helps prevent slippage
- Thyroid collar included
- 2 lines of embroidery on pocket



BARRIER FLEX FRONT ONLY

Code: BF

- Provides excellent weight distribution
- Elastic inserts in back for greater comfort
- Thyroid collar included
- 2 lines of embroidery on pocket



OR QUICK RELEASE

Code: ORQ

- Designed for quick release without compromising the sterile field
- Elastic inserts for greater comfort
- Thyroid collar included
- 2 lines of embroidery on pocket



THE BASIC

Code: TBB

- 2" buckle with velcro shoulder strap keeps apron snug
- Simple design for easy wear
- Thyroid collar included
- 2 lines of embroidery on pocket

Velcro-Free Apron & Collar

FEATURING TM
Revolutionary Magnetic Closure System

MADE WITH TM
Anti-Bacterial Stain-Resistant Fabric



FRONTAL

Code: MGF



WRAP

Code: MGW

A Few Options

Visit www.UniqaMedical.com/accessories for more



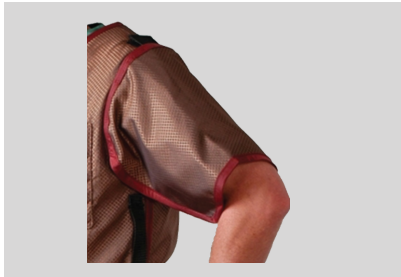
MAGNA GUARD THYROID COLLAR

Code: MTS



RADIATION COOLING HEAD CAP

Code: RC-DTR



PROTECTIVE SLEEVE - SINGLE

Code: SLV

PROTECTIVE SLEEVE - PAIR

Code: SLVP

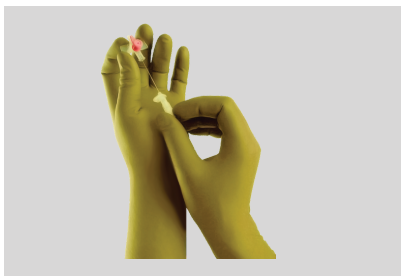


SHIN GUARDS WITH FOOT PROTECTION

Code: SGF

SHIN GUARDS - NO FOOT PROTECTION

Code: SG



RADIATION PROTECTION GLOVES - XR1

Code:XR1

RADIATION PROTECTION GLOVES - XR2

Code:XR2

Fabric Selections



Royal Blue



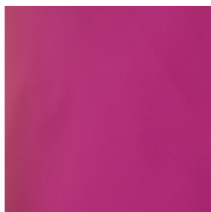
Teal



Navy Blue



Yellow



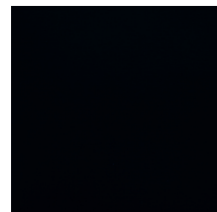
Pink



Charcoal

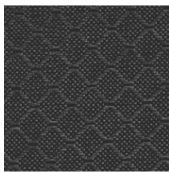


Red



Black

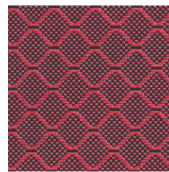
Diamond Ripstop



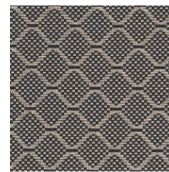
Black



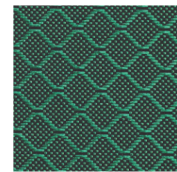
Bronze



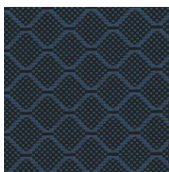
Burgundy



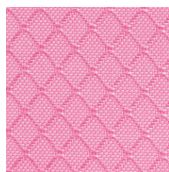
Charcoal



Green



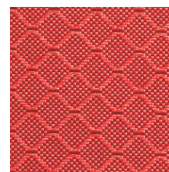
Navy Blue



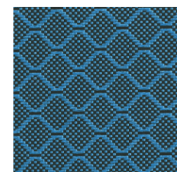
Pink



Purple



Red



Royal Blue

Fabric Selections

Camouflage



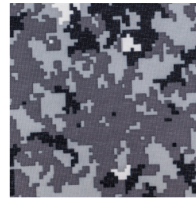
Blue Camo



Pink Camo



Classic Camo

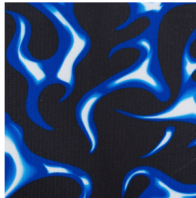


Digital Grey

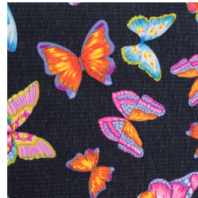


Digital Green

Prints



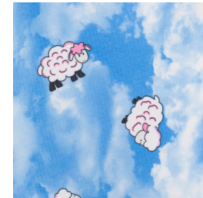
Blue Flame



Butterfly



Dalmations



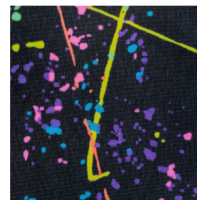
Flying Sheep



Orange Flame

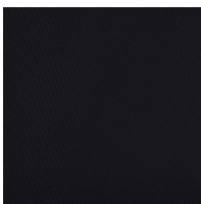


Plaid

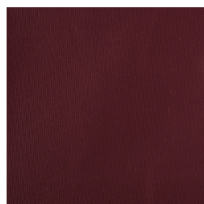


Splatter

Nylon



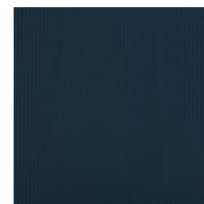
Black



Burgundy



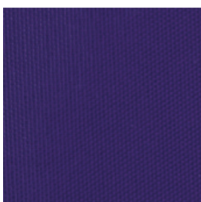
Green



Navy



Pink



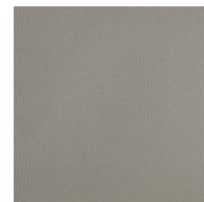
Purple



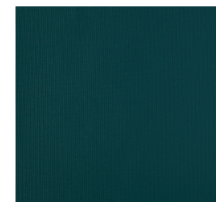
Red



Royal Blue



Silver



Teal

Size Charts

Follow our How To Measure Guide to find your size or for our "Made To Measurements" options.

FEMALE VEST AND SKIRT

SIZE	MAX BUST	MAX WAIST	MAX HIP
X-SMALL	34"	30"	38"
SMALL	36"	32"	40"
MEDIUM	38"	34"	42"
LARGE	40"	36"	44"
X-LARGE	42"	38"	46"
XX-LARGE	44"	40"	48"

MALE VEST AND SKIRT

SIZE	MAX CHEST	MAX WAIST	MAX HIP
X-SMALL	40"	34"	40"
SMALL	42"	36"	42"
MEDIUM	44"	38"	44"
LARGE	46"	40"	46"
X-LARGE	48"	42"	48"
XX-LARGE	50"	44"	50"

FEMALE ONE-PIECE WRAP AROUND

SIZE	MAX BUST	MAX WAIST	MAX HIP
X-SMALL	34"	36"	38"
SMALL	36"	38"	40"
MEDIUM	38"	40"	42"
LARGE	40"	42"	44"
X-LARGE	44"	46"	48"
XX-LARGE	48"	50"	52"

MALE ONE-PIECE WRAP AROUND

SIZE	MAX CHEST	MAX WAIST	MAX HIP
X-SMALL	40"	41"	43"
SMALL	42"	43"	45"
MEDIUM	44"	45"	47"
LARGE	46"	47"	49"
X-LARGE	49"	50"	52"
XX-LARGE	52"	53"	55"

FEMALE FRONT-ONLY APRON

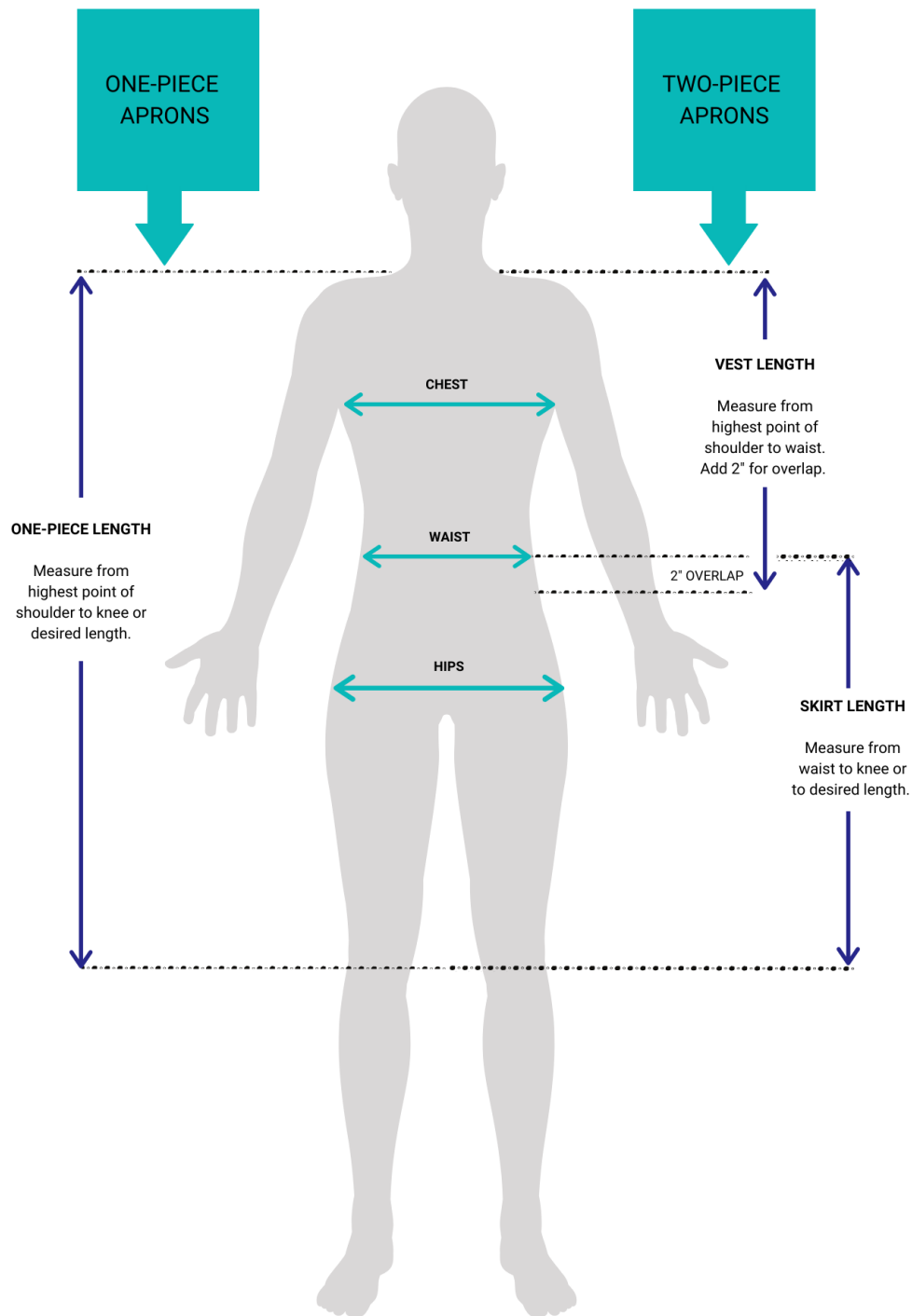
SIZE	MAX BUST	MAX WAIST	LENGTH
X-SMALL	32"	28"	34"
SMALL	34"	36"	35"
MEDIUM	37"	38"	37"
LARGE	40"	42"	39"
X-LARGE	43"	46"	41"
XX-LARGE	46"	50"	43"

MALE FRONT-ONLY APRON

SIZE	MAX CHEST	MAX WAIST	LENGTH
SMALL	38"	36"	37"
MEDIUM	42"	40"	39"
LARGE	46"	44"	41"
X-LARGE	50"	48"	43"
XX-LARGE	53"	52"	45"

Note: To ensure proper protection all personnel should know their correct size based on their individual measurements.

How To Measure Guide

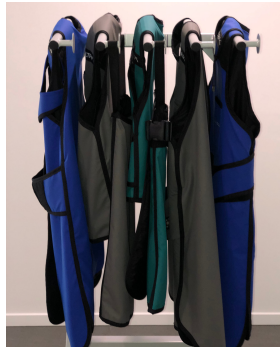


Note: Measurements should be made from behind subject. Use tailor style measuring tape.

UNIQATM MOBILE RACK

- Designed by Uniq Medical and manufactured in Australia
- Heavy duty (lockable) caster wheels for easy manoeuvrability
- Powder-coated aluminium
- Apparel will not touch the floor
- 5 Arm (UMR5) - 1400mm H x 635mm W x 700mm D
- 10 Arm (UMR10) - 1400mm H x 1200mm W x 700mm D

Watch the video > www.UniqMedical.com/umr



Radiation Protection Eyewear

Below is a selection of our most popular styles. To see our wide range of eyewear visit:

www.UniqaMedical.com/eyewear

The 0.75mm Pb equivalent lenses are made with Corning Med-X glass ensuring your protective eyewear maintains exceptional optical clarity its entire life.

WARRANTY - Our leaded eyewear is guaranteed to be void of defects in both material and craftsmanship for two years.

PROTECTION - Our protective glasses undergo independent 3rd party testing which assures that the protective shielding attenuation characteristics of the final eyewear products meet or exceed the requirements of IEC 61331-1.



BARRIER BRAZEN

Code: BBRA

- Side Shields - 0.50mm Pb Equivalent
- Available in Black or Tortoise
- Prescription lenses available



RUDY PROJECT CONTENDER

Code: RPCO

- Side Shields - 0.50mm Pb Equivalent



T-ZONE

Code: BTZO

- Side Shields - 0.50mm Pb Equivalent
- Available in Blue, Black, Red, Silver
- Prescription lenses available



SLIM T

Code: BSLI

- Side Shields - 0.50mm Pb Equivalent

Terminator XR

www.UniqaMedical.com/shields



The Terminator XR is the ultimate in protection from scatter radiation. A mobile barrier that is easily movable, rotatable and able to fit near the table in an environment where multiple staff are working together during cases.

The feet, on medical grade caster wheels, easily pass underneath the operating table, and with the Terminator Sterile Drapes, provides unimpeded patient access. You won't need to abandon the barrier to get better access to the workspace

The Terminator XR comes with a special protective vest designed to be worn when using the barrier. The vest design protects the axillary lymph nodes and thyroid whilst keeping unnecessary weight on the body to a minimum. Combined with the barrier, personnel can avoid the body fatigue associated with wearing traditional style apparel for long and complex cases.



Features of the Terminator XR:

- 1.0mm Pb equivalency per panel
- 2.0mm Pb equivalency in overlapping areas
- 100% attenuation @ 160kVp
- Height adjustable to 1600mm
- Covered in UltraFlex fabric
- Embroidered logo available
- Sterile Drapes available
- Special Vest included



Radiation Protection for 

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