



Catalogue **2016/17**

# Rothband Online

## Look For What You Need

Browse through the catalogue, or search online to find the product you are looking for.

There are even more products on our new, easy to use website.

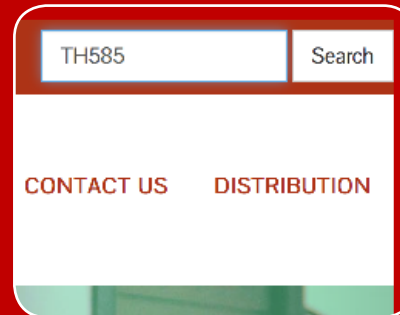


## Find the Price Online

Our new, simple to use coding system allows you to easily find a products price online.

Simply type the product name or order code into the search bar.

Send a live chat request, if you would like some help.



## Get in Touch For a Quotation

You may want to get in touch and speak with one of our fully trained customer service representatives.

We also have a field team who would be more than happy to come out and visit you to discuss your needs in more detail.

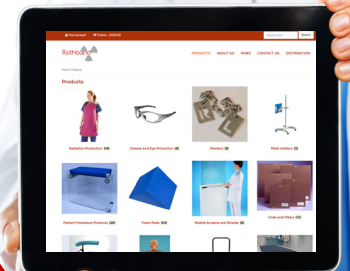


[www.facebook.com/Rothband](http://www.facebook.com/Rothband)



[@rothbandxray](https://twitter.com/rothbandxray)

Mobile Friendly





## Welcome to Rothband

When it comes to X-ray protection, Rothband is the name you can trust.

With over 100 years experience manufacturing X-ray garments, you can be confident that when you choose us, you are choosing the very best.

All Rothband protective garments are designed and manufactured in the UK, to the very highest standards, using the highest quality materials and thus producing some of the most durable products on the market.

Over the years, we have expanded our portfolio to include a whole range of products that are essential to any imaging department. We have compiled all these items together in one place, making the Rothband catalogue an essential resource for all medical imaging managers.

We would like to thank the Imaging department at the Royal Blackburn Hospital, for their help in putting together this catalogue.



[www.facebook.com/Rothband](http://www.facebook.com/Rothband)



[@rothbandxray](https://twitter.com/rothbandxray)



## The History of Rothband

From our humble beginnings in the Manchester home of “W.S.” himself, Rothband has stood the test of time and the name “Rothband” is now synonymous with the best in quality, comfort, innovation and value for money radiology shielding.

The company began by making medical rubber products, mattresses for hospitals and asylums up and down the UK.

In 1911, as X-ray became recognised as a routine method of diagnosis. Colonel Rothband’s cousin (a chemist) approached him with an idea to add lead powder to the rubber mix.

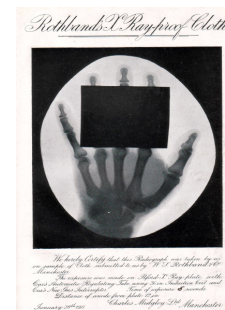
The result, was the production of an X-ray cloth and the initial test X-ray is pictured here, with a note from the head radiographer at Leeds Hospital, stating that our experiment seemed successful.

From this, we began manufacturing X-ray aprons.

We know of no other company that can claim an earlier product.

The 1920’s saw the first Rothband catalogue which has been a key resource for imaging department managers ever since.

The Rothband business was acquired in 2015 and is still a family concern. You can be rest assured that we will continue to offer the same personal service and attention to detail that has enabled us to prosper for over 150 years.



# Welcome to the latest edition of the Rothband Catalogue.

# Contents

This edition of the catalogue represents a new beginning for Rothband, as in 2015, the company was acquired by an ex-employee (and ex-radiographer), and for the first time since 1860, it has left the Rothband family.

The Rothband catalogue has been around since 1880 and always been a key resource for radiographers and healthcare providers and we are keen to build on its success, and take things forward.

In this new version, you will find a different layout and an even more comprehensive range of products, that we believe are even more relevant to the modern imaging department.

In addition, for the first time we have opted not to include prices on the page. Instead, we are asking you to embrace the internet, as in tandem with this new catalogue, we have revamped the website. The new website is mobile friendly and fully searchable, so it allows you to easily locate prices by using the product codes in this catalogue.

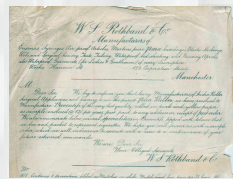
By making this move, we are taking a step in the right direction to become a more environmentally friendly company, which is in line with our new goals.

So thank you for taking the time to pick up this catalogue and for choosing Rothband as a provider for your protection and imaging needs.

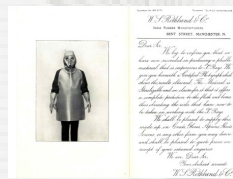
Best Wishes,

Paul Dixon  
Managing Director

- Personal Protection 8-33
- Eye Protection 34-37
- Storage Solutions 38-40
- Structural Protection 41-46
- Patient Protection 47-52
- Procedural Accessories 53-84
- Furniture and Mattresses 85-99
- Quality Assurance and Phantoms 100-121
- PACS 122-125
- MRI 126-131
- Ultrasound 132-133



1880



1911



1926



1950



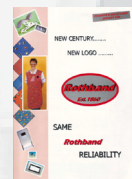
1960



1980



1996



2000



2002



2005



2010



2012

## Core Materials

### Light Weight Lead

Our Light-Weight lead option is perhaps our most popular core material as it balances a high level of protection with weight and cost.

### Edge Bilayer

Edge Bilayer, is an all new innovation in radiation protection core material, the combination of two powerful, lead free, radiation blocking materials into a single homogeneous sheet.

Edge Bilayer offers 20% more protection than standard lead.\*

40% more protection than other lead free material.\*

And is approx 20% lighter than light-weight lead.

All core materials conform to the new IEC 61331-1:2014 Standard

# Edge Bilayer

Edge Bilayer methodology is the single biggest advancement in flexible radiation protection materials for medical environments for more than a generation.

The technical advantages of the bilayer approach in terms of safety, weight and comfort, enable protective aprons, skirts and accessories to provide up to 20 per cent reduction in absorbed dose than competitors' Lead composite materials and 40% better performance than Lead-free alternatives at comparable LE.\*

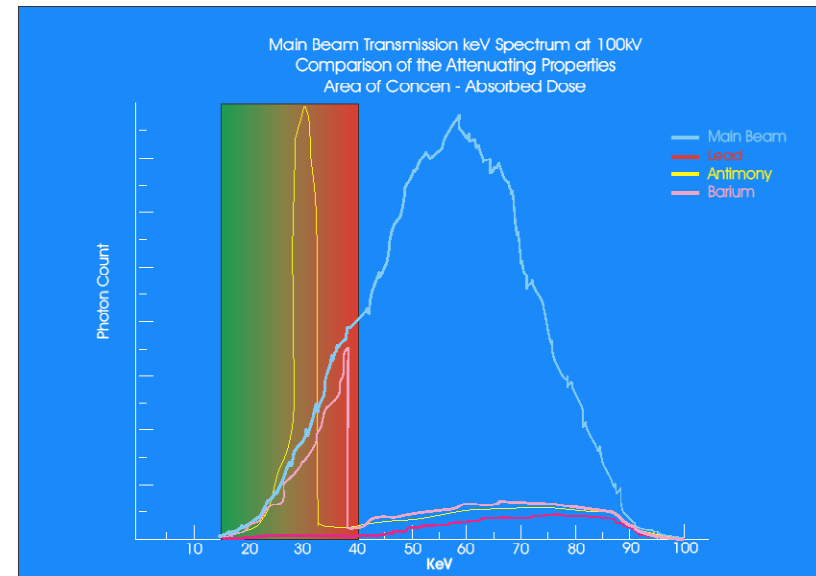
## Edge BILAYER, BUILT FOR NEW STANDARDS

Traditional Lead-free and Lead composite products, containing low atomic weight metals, either exclusively or in a mixed metal composite, can't match the performance of traditional Lead products due to the K-edge effect and resulting fluorescence at key levels of keV within scatter radiation.

These materials can only pass current standards when tested between 80kV and 100kV using narrow beam geometry that fails to detect the secondary radiation created by fluorescence, inevitably resulting in an increase in the absorbed dose to the skin and organs. This test procedure is unable to detect the K-edge and fluorescent effect created by using low atomic weight elements, resulting in a significant increase in the absorbed dose to the user. Edge Bilayer is the answer.

Tested and certified for attenuation and Lead equivalence by the National Physical Laboratory (NPL) in the UK, against a full range of kV (50kV to 150kV) using broad beam geometry, Edge Bilayer performs in accordance with all major standards, including IEC 61331-1:2014 and DIN 6857-1.

\* All claims about the performance of the Edge Bilayer material relate to performance against scatter radiation and measurements of absorbed dose.



**20%** Better Protection than lead composite.\*

**~20%** Lighter than Light Weight Lead

**40%** Greater Protection than other Lead Free materials\*

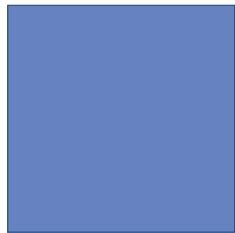
**No Other** Lead-free or low-Lead material passes: IEC 61331-1:2014, DIN 6857-1 and ASTM F2547-06 at a lower weight.



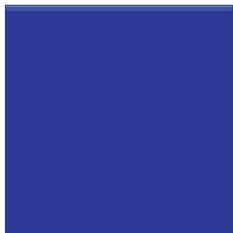
# Covering Materials

**Solid: Wipeable, Easy Clean Materials. PVC or PU coated.**

Swatches Available on request: [sales@rothband.com](mailto:sales@rothband.com)



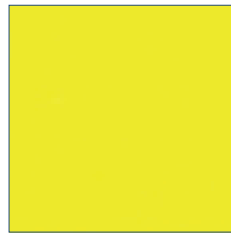
Lt Blue -PB



Royal Blue -BL



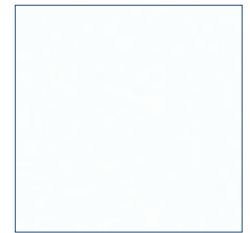
Marine Blue -MB



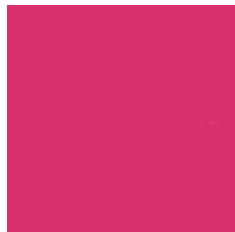
Yellow -YW



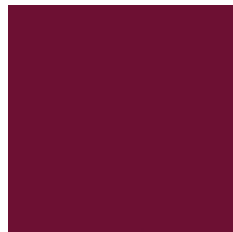
Orange -OR



White -WH



Rosa -RO



Burgundy -BU



Berry -BE



Red -RD



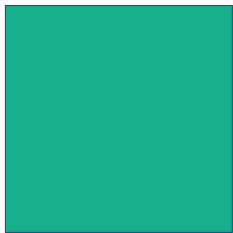
Violet -VL



Black -KB



Grey -GY



Lt Green -GR



Khaki -GD



Forest Green -GF

Swatches Available on request

For pricing, visit [www.rothband.com](http://www.rothband.com)



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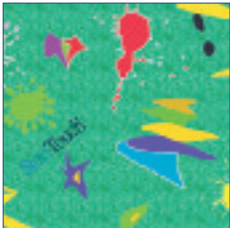
# Covering Materials

## Patterns: Wipeable , Easy Clean Materials. PVC or PU coated.

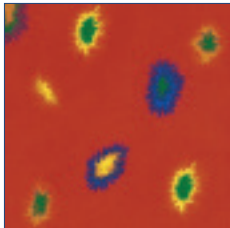
New patterns being added all the time, please see the website for the latest designs.

Please note, patterned material have a nylon material inside.

Most patterns have a texture, which makes them a little less wipeable than the solid colours.



Steritouch\*\*—ST



Red Bug - RM



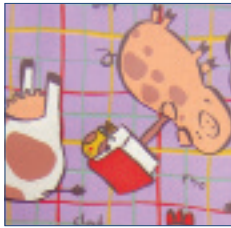
Cam-Grey—CG



Cam-Blue CB



Cam Pink—CP



Nursery—NU



Zebra - ZB



Leopard—LD

MRSA, & BACTERIA RESISTANT cover. Steritouch™ Coated.  
MRSA & E.Coli safe<sup>1</sup> Anti-microbial additive<sup>2</sup>.

- 1. 99.994% & 99.999% “kill rate” respectively.
- 2. Also effective against listeria monocytogenes, salmonella enteritidis, pseudomonas aeruginosa & aspergillus niger.

See Website for  
new pattern  
updates

\*\* N.B Small extra cost for Steritouch Covers.

For pricing, visit [www.rothband.com](http://www.rothband.com)

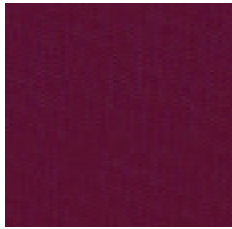
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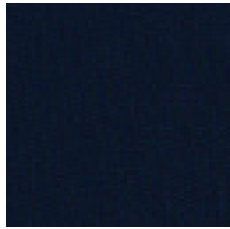
## Covering Materials

### Nylons - Durable

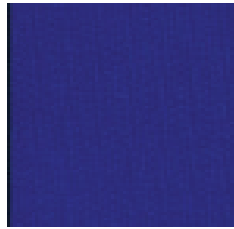
Nylons look great and are very durable, but the porous nature makes them better suited as an inner material, which can have a cooling effect.



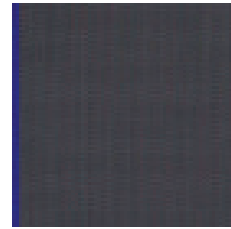
Maroon—MN



Navy—NN



Royal—BN



Grey—GN



Black—KN



Red—RN

### Edging Materials

Edging materials come in a range of colours. Unless specified, we will choose the one that best matches the apron.



## Fastening Options



### BUCKLE CLIPS: BK

These easy to fasten, quick to release clips are now a more popular alternative to toggles.

N.B. STANDARD if no fastenings are specified



### WEIGHT ADJUSTER BELT: WBW (5 sizes)

Redistributes weight from the shoulders to the waist-hip area  
Also gives excellent support to the lumbar region.  
Easily adjustable with 2 levels of support  
Can be factory-fitted to apron.



### TOGGLES: TG

Simple  
Easy to fasten  
Maintenance free



### VELCRO BELT: VB

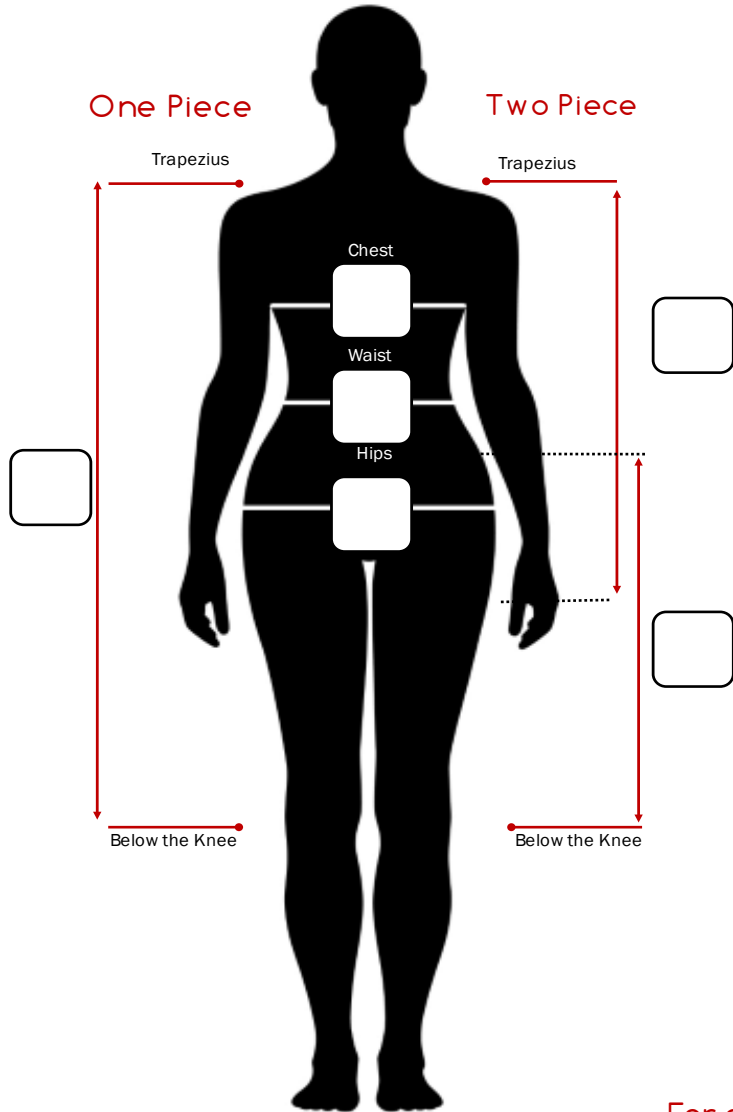
Distributes weight from shoulders to hips  
Ensures a good secure side closure  
Designed not to snag clothing.  
Elasticated for extra comfort !

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# Measuring for a Lead Apron - Female

Copy and Send



Name	
Hospital	
Phone	
E-Mail	

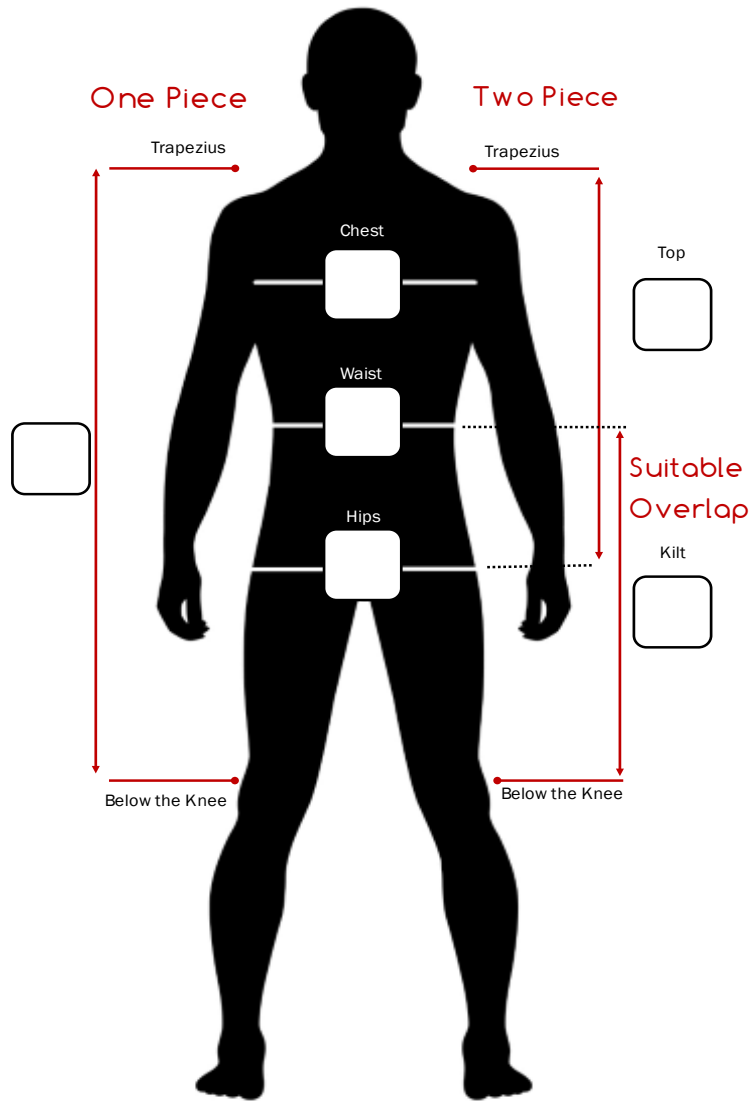
Female Sizing Guide					
Size	Petite	S	M	L	XL
Chest (cm)	81-86	87-96	97-106	107-118	119-130
Chest (Inches)	32-34	34-38	38-42	42-46	47-51
Waist (cm)	64-69	70-79	80-89	90-101	102-113
Waist (inches)	25-27	28-31	31-35	35-40	40-44
Hips (cm)	89-94	95-104	105-114	115-126	127-138
Hips (inches)	35-37	37-41	41-45	45-50	50-54
UK size	8-10	12-14	16-18	20-22	24-26
Apron Length					
One Piece	80 cm	85 cm	90 cm	100 cm	110 cm
Two Piece					
Top	55 cm	58 cm	58 cm	58 cm	58 cm
Kilt	50 cm	53 cm	53 cm	53 cm	53 cm

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# Measuring for a Lead Apron - Male

Copy and Send



Name	
Hospital	
Phone	
E-Mail	

Male Sizing Guide					
Size	S	M	L	XL	XXL
Chest (cm)	82-90	92-105	110-115	120-125	130-135
Chest (Inches)	32 - 35	36 - 41	42 - 45	46 - 48	51-53
Waist (cm)	up to 78	82-88	90-100	102-113	115-125
Waist (inches)	up to 31	32-34	35-39	40-44	45-49
Apron Length					
One Piece	80 cm	85 cm	90 cm	100 cm	110 cm
Two Piece					
Top	58 cm	58 cm	58 cm	58 cm	65 cm
Kilt	53 cm	53 cm	53 cm	53 cm	55 cm

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## Shoulder Clip

One of our most popular designs and an original Rothband innovation.

Simple to put on/off

Higher neck line provides better sternum protection.

Open sides allow access to pockets and better ventilation. Easily adjusts to a variety of body shapes.

Size	Pb mm	Length	Core Material	
			Light Weight	Edge Bilayer
Short	0.25	85	SC285	SC285 K
Regular	0.25	90	SC290	SC290 K
Long	0.25	100	SC210	SC210 K
Extra Long	0.25	110	SC211	SC211 K
Short	0.35	85	SC385	SC385 K
Regular	0.35	90	SC390	SC390 K
Long	0.35	100	SC310	SC310 K
Extra Long	0.35	110	SC311	SC311 K
Short	0.5	85	SC585	SC585 K
Regular	0.5	90	SC590	SC590 K
Long	0.5	100	SC510	SC510 K
Extra Long	0.5	110	SC511	SC511 K
Please add Small Medium or Large to your order code				



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# Aprons



## Theatre Style

A great design for those who may need to remove the apron whilst their hands are full, or sterile.

Two shoulder clip design, allows the apron to completely separate into two halves.

Easy to release from under sterile gowns, allowing the surgeon to remove the apron post x-ray.

Size	Pb mm	Length	Core Material	
			Light Weight	Edge Bilayer
Short	0.25	85	TH285	TH285 K
Regular	0.25	90	TH290	TH290 K
Long	0.25	100	TH210	TH210 K
Extra Long	0.25	110	TH211	TH211 K
Short	0.35	85	TH385	TH385 K
Regular	0.35	90	TH390	TH390 K
Long	0.35	100	TH310	TH310 K
Extra Long	0.35	110	TH311	TH311 K
Short	0.5	85	TH585	TH585 K
Regular	0.5	90	TH590	TH590 K
Long	0.5	100	TH510	TH510 K
Extra Long	0.5	110	TH511	TH511 K
Please add Small Medium or Large to your order code				

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## Fixed Shoulder

The original (circa 1911) Rothband tabard design.

Unlike other versions, there is no shoulder clip.

Simple to put on and take off.

Size	Pb mm	Length	Core Material	
			Light Weight	Edge Bilayer
Short	0.25	85	DS285	DS285 K
Regular	0.25	90	DS290	DS290 K
Long	0.25	100	DS210	DS210 K
Extra Long	0.25	110	DS211	DS211 K
Short	0.35	85	DS385	DS385 K
Regular	0.35	90	DS390	DS390 K
Long	0.35	100	DS310	DS310 K
Extra Long	0.35	110	DS311	DS311 K
Short	0.5	85	DS585	DS585 K
Regular	0.5	90	DS590	DS590 K
Long	0.5	100	DS510	DS510 K
Extra Long	0.5	110	DS511	DS511 K
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# Aprons



## Doctor C

Originally designed, by Rothband, for a radiologist called Dr Carmichael - hence the name.

Offers better protection by having one side closed for those who always work side-on to the table.

(right closed is the standard configuration, left is an option.)

Size	Pb mm	Length	Core Material	
			Light Weight	Edge Bilayer
Short	0.25	85	DR285	DR285 K
Regular	0.25	90	DR290	DR290 K
Long	0.25	100	DR210	DR210 K
Extra Long	0.25	110	DR211	DR211 K
Short	0.35	85	DR385	DR385 K
Regular	0.35	90	DR390	DR390 K
Long	0.35	100	DR310	DR310 K
Extra Long	0.35	110	DR311	DR311 K
Short	0.5	85	DR585	DR585 K
Regular	0.5	90	DR590	DR590 K
Long	0.5	100	DR510	DR510 K
Extra Long	0.5	110	DR511	DR511 K
Please add Small Medium or Large to your order code				

## Front Only –Variweight

For limited protection, and less weight.

No Pb in rear panels

Elasticated Crossover velcro fastenings enable weight adjustment

OPTIONAL Pb in rear.

Size	Pb mm	Length	Core Material	
			Light Weight	Edge Bilayer
Short	0.25	85	VW285	VW285 K
Regular	0.25	90	VW290	VW290 K
Long	0.25	100	VW210	VW210 K
Extra Long	0.25	110	VW211	VW211 K
Short	0.35	85	VW385	VW385 K
Regular	0.35	90	VW390	VW390 K
Long	0.35	100	VW310	VW310 K
Extra Long	0.35	110	VW311	VW311 K
Short	0.5	85	VW585	VW585 K
Regular	0.5	90	VW590	VW590 K
Long	0.5	100	VW510	VW510 K
Extra Long	0.5	110	VW511	VW511 K
Please add Small Medium or Large to your order code				



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# Aprons



## Front Only –Single Sided

Front only protection

Adjustable webbing & buckle crossover straps

Optional crossover velcro fastening fabric straps

Size	Pb mm	Length	Core Material	
			Light Weight	Edge Bilayer
Short	0.25	85	SS285	SS285 K
Regular	0.25	90	SS290	SS290 K
Long	0.25	100	SS210	SS210 K
Extra Long	0.25	110	SS211	SS211 K
Short	0.35	85	SS385	SS385 K
Regular	0.35	90	SS390	SS390 K
Long	0.35	100	SS310	SS310 K
Extra Long	0.35	110	SS311	SS311 K
Short	0.5	85	SS585	SS585 K
Regular	0.5	90	SS590	SS590 K
Long	0.5	100	SS510	SS510 K
Extra Long	0.5	110	SS511	SS511 K
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## Wrap-around MK I

This patented design, provides comfort and extra protection were you need it the most.

Higher neck line provides better sternum protection.

Overlap at the front gives you extra protection where you need it most..

Velcro or Zip options available.

Size	Pb mm	Length	Core Material	
			Light Weight	Edge Bilayer
Short	0.25	85	PV285	PV285 K
Regular	0.25	90	PV290	PV290 K
Long	0.25	100	PV210	PV210 K
Extra Long	0.25	110	PV211	PV211 K
Short	0.35	85	PV385	PV385 K
Regular	0.35	90	PV390	PV390 K
Long	0.35	100	PV310	PV310 K
Extra Long	0.35	110	PV311	PV311 K
Short	0.5	85	PV585	PV585 K
Regular	0.5	90	PV590	PV590 K
Long	0.5	100	PV510	PV510 K
Extra Long	0.5	110	PV511	PV511 K
Please add Small Medium or Large to your order code				



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# Aprons



## Wrap-around MK II

Maximum protection is afforded by our **Wrap Around MK II** range.

Giving double protection in the important centre front area.

Large area of velcro allows good adjustment.

Shoulder Safety fastening for extra security.

Size	Pb mm	Length	Core Material	
			Light Weight	Edge Bilayer
Short	0.5/0.25	85	PVW5285	PVW5285 K
Regular	0.5/0.25	90	PVW5290	PVW5290 K
Long	0.5/0.25	100	PVW5210	PVW5210 K
Extra Long	0.5/0.25	110	PVW5211	PVW5211 K
Short	0.5/0.35	85	PVW5385	PVW5385 K
Regular	0.5/0.35	90	PVW5390	PVW5390 K
Long	0.5/0.35	100	PVW5310	PVW5310 K
Extra Long	0.5/0.35	110	PVW5311	PVW5311 K
Short	0.7/0.35	85	PVW7385	PVW7385 K
Regular	0.7/0.35	90	PVW7390	PVW7390 K
Long	0.7/0.35	100	PVW7310	PVW7310 K
Extra Long	0.7/0.35	110	PVW7311	PVW7311 K
Please add Small Medium or Large to your order code				

For pricing, visit [www.rothband.com](http://www.rothband.com)

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## Tops and Kilts

Pb mm	Dimensions cm (L x W)	Core Material	
		Light Weight	Edge Bilayer
<b>Top Standard</b>			
The Tabard top has a shoulder clip & buckle clip side fastening as standard but Velcro is an option. Twin shoulder clips, to allow detachment after use, is also an option.			
0.25	58 x 60	TOPS 2	TOPS 2 K
0.35	58 x 60	TOPS 3	TOPS 3 K
0.50	58 x 60	TOPS 5	TOPS 5 K
<b>Top Centre Zip</b>			
The Centre Fastening top is normally zipped but Velcro may be specified			
0.25	58 x 60	TOPC 2	TOPC 2 K
0.35	58 x 60	TOPC 3	TOPC 3 K
0.50	58 x 60	TOPC 5	TOPC 5 K
<b>Top DR Style</b>			
Similar design as the DR C Tabard.			
0.25	58 x 60	TOPD2	TOPD2 K
0.35	58 x 60	TOPD3	TOPD3 K
<b>Top Wrap Around</b>			
The Jacket Wraparound top has wide Velcro fastening & gives double protection in the overlap zone.			
0.50 / 0.25	58 x 55	TOPW2	TOPW2 K
0.70 / 0.35	58 x 55	TOPW3	TOPW3 K



Standard



Centre Fastening



Wrap-Around



DR Style

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## Tops and Kilts

Pb mm	Dimensions cm (L x W)	Core Material	
		Light Weight	Edge Bilayer
<b>Kilt 3 Piece</b>			
3 Piece Kilt is, as its name suggests, made from 3 overlapping panels attached to a Velcro fastening waist band. This style fits a good range of body shapes & also allows a wide range of movement without restriction.			
0.25	53 / 106	KT2	KT2 K
0.35	53 / 106	KT3	KT3 K
0.50	53 / 106	KT5	KT5 K
<b>Kilt A-Line</b>			
This full wrap kilt offers double protection at the front where the overlap occurs. Pockets (pictured) and embroidery are an optional extra on this style of kilt.			
0.5/0.25	53 / 117	KTW2	KTW2 K
0.7/0.35	53 / 117	KTW3	KTW3 K
1.0/0.50	53 / 117	KTW5	KTW5 K



Kilt - 3 Piece



Kilt- A-Line

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Attached Thyroid

Fastened by strap & velcro for adjustment/removal.  
 Colour as apron - unless you require otherwise.  
 Factory Fitted Only.

Pb mm	Core Material	
	Light Weight	E Bilayer
0.25	RMT2D	RMT2DK
0.35	RMT3D	RMT3DK
0.5	RMT5D	RMT5DK



Weight Adjuster Belt

Excellent Lumbar support & takes the weight off the shoulders.  
 Choose one size Bigger than your waist measurement to allow for the apron thickness.)

Size	Order Code
60-80 cm / 24-32"	WBW S
71-90 cm / 28-36"	WBW M
80-100 cm / 32-39"	WBW L
90-110 cm / 36-44"	WBW X
105-144 cm / 42-56"	WBW Z



Seated Adaptation

A special adaptation for those who will be seated during an x-ray procedure.

Tabard or Front only styles can have this modification.  
 A newer take on a mid-1900's design.

Order Code: SITCO

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## Options



## Customisation

We can place embroidery, or add pockets anywhere on the apron.

Description	Order Code
Standard Embroidery	EMB
Identification Flash	IDF
Identification flash with Embroidery	IDFEM
Pocket (state breast or hip)	PKT
Screen Printing	SCP
Pocket with Embroidery	PKTEMB

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# Thyroid Collars

## TPD Style

'D' Style - Very comfortable due to its flexibility.  
48cm Max collar, velcro fastening.

Pb mm	SIZE Depth cms	Light Weight	Edge Bilayer
0.25	12	TPD 2	TPD 2 K
0.35	12	TPD 3	TPD 3 K
0.50	12	TPD 5	TPD 5 K



## TPV Style

'V' Style - Gives added sternum protection.  
48cm Max collar, velcro fastening.

Pb mm	SIZE Depth cms	Light Weight	Edge Bilayer
0.25	12	TPV 2	TPV 2 K
0.35	12	TPV 3	TPV 3 K
0.50	12	TPV 5	TPV 5 K



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## Extremity Protection



**Pb Vinyl Gloves**

Pb/Vinyl Gloves-Flexible and easy to clean.

23cm in length.

Soft inner lining.

Pb mm: 0.5  
Order Code: GV5M PR



**Cuff (pair)**

Cuff (Pair)

Nylon covered.

35cm in length.

Velcro fastening along the length.

Pb mm: 0.35  
Order Code: CF35PR

Pb in mm: 0.50  
Order Code: CF50PR



**Mitten**

Mitten (Pair)

Velcro Wrist fastening.

Choice of nylon colours.  
(Navy standard)

Pb mm: 0.35  
Order Code: MT35PR

Pb in mm: 0.50  
Order Code: MT50PR



**Open Palm**

Open Palm Mitten (Pair)

Allows unrestricted use of fingers.

Nylon Covered.  
(Navy standard)

Pb in mm: 0.35  
Order Code: OP35PR

Pb in mm: 0.50  
Order Code: OP50PR

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# Extremity Protection



**Scatter Cap**

A re-usable cap designed to protect the wearers head from the scatter radiation.

Available in a range of lead equivalence.

Light-Weight Pb Only

Pb mm: 0.25  
Order Code: XRAYCAP2

Pb mm: 0.35  
Order Code: XRAYCAP3

Pb mm: 0.50  
Order Code: XRAYCAP5



**Scatter Cap Light**

A semi-disposable version of the scatter cap. (lead free)

Available in a range of lead equivalence.

Small Medium and Large available (Please replace X with S,M,L).

Sold in packs of 10

Pb mm: 0.167  
Order Code: SCAPN16X

Pb mm: 0.25  
Order Code: SCAPN25X

Pb mm: 0.35  
Order Code: SCAPK35X



**Protective Sleeve**

Detachable Sleeve: Humeral head & upper arm protection. Velcro fastened. Colour as apron (Not suitable for Single- sided aprons).

Pb mm: 0.25  
Order Code: SLV2

Pb mm: 0.35  
Order Code: SLV3



**Cricket Pads**

A Rothband original product from the early 1970's. Minimise leg exposure from under couch tubes. Adjustable elasticated fastenings, plus one under the instep on CPF model. Navy Nylon is standard but full cover choice available.

Pb mm: 0.35  
Order Code: CP35PR

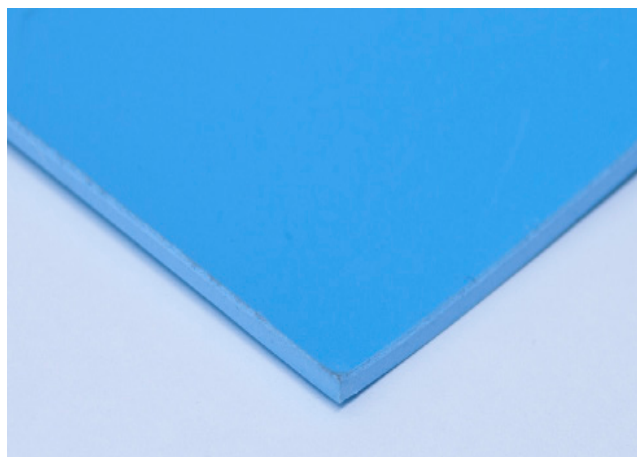
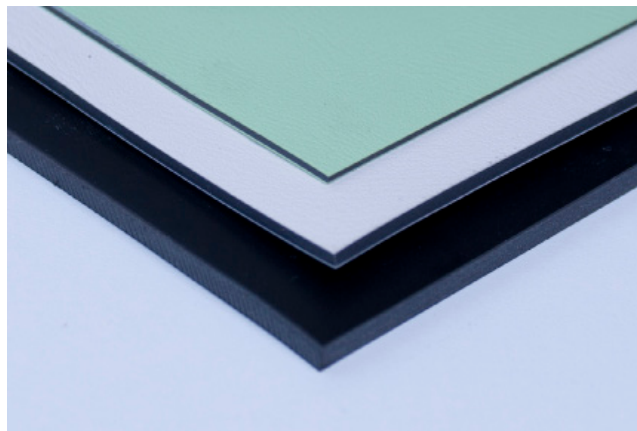
With foot protection  
Order Code: CPF35PR

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## Sheeting



### Skinned Lead Vinyl

PVC Coated, wipe clean finish on both sides.  
Easy to cut and shape, for a variety of purposes.

**Many uses, including:**

- Backstop material for scatter radiation.
- Gonad Shielding.
- Baby Protection.
- Incubator Collimation.

Only sold in full meter lengths

### Barium Flexible Sheeting

Suitable for areas where lead might contaminate. i.e the food industry.  
0.125 and 0.25 Pbmm only.  
Approx 50% heavier and double the thickness of Pb Vinyl

Pbmm	Actual Thickness	Order Code
Skinned Lead Vinyl		
0.25	1.1mm	PB25
0.5	2.0mm	PB50
1.0	3.5mm	PB10
Barium Flexible Sheeting		
0.125	< 1.0mm	BA125
0.25	3.0mm	BA25

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## Spare Parts

Description	Order Code
Replacement set of Toggles	STG
Replacement Velcro Belts 4 or 6 stud - SPECIFY	SVB
Replacement Weight Adjuster Belts	WBW
"D-I-Y" Shoulder Clip Set (M & F)	SCS

### Standard Repair

- Shoulder Clips
- Fastenings
- Pb patching (i.e not whole panel replacement)
- Rebinding
- Small outer cover tears - by a sewn-on patch

### Deluxe Repair covers all the above items PLUS:

- A full re-cover (inners & outers) of the apron in one of our wide range of covers
- New foam shoulder pads
- The apron then looks "brand new"

#### NOTE:

- 3 months warranty applies to all parts repaired
- All items must be cleaned and disinfected
- Urgent repairs can usually be completed in 24 hours BUT these must be pre-booked with us

Repairs are of very cost effective way of prolonging the life of an apron. Please call us to discuss your needs in more detail so we may provide you with a competitive price.

Please be sure to mark on the apron any areas of hidden Pb damage so we can patch appropriately, we have no screening facilities at the factory.

Ask us about our managed approach, where we can refresh a whole dept and provide you with replacement aprons whilst yours are being repaired.

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## Glasses

### Sport

Lightweight, extremely comfortable. Side arms with “non-slip” rubber inserts, bridge. Made from very soft rubber for comfort. Complete with retainer strap.

Available in: Single Vision / Bi focal and Progressive lenses.

Lens Pb mm:	Weight:	Colour:	Order Code:
0.75	58 gm	Red / Silver / Black	GLSW
0.75 (0.5 Side Lead)	68 gm	Red / Silver / Black	GLSWSS



### Cruiser

Presenting the most technically advanced, comfortable pair of radiation protection glasses on the market today.

This frame offers the following:

Ratcheting temples make it easy to adjust the lens to fit closer to the face.

A close fit helps with fogging and splash.

Side shields optional.

Available in: Plain Lens only

Lens Pb mm:	Weight:	Colour:	Order Code:
0.75	74 gm	Grey and Yellow	GLCR

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**Nike Brazen**

The Nike Brazen streamline style, comfort and light weight durability. Feature a nylon frame and ventilated nose bridge for reduced fogging.

Available in: Plain lens / Single Vision



Lens Pb mm:	Weight:	Colour:	Order Code:
0.75	76.7 gm	Black Tortoiseshell Blue Black Lime Black	GLNIKE GLNIKESS (with Side Lead)

**Astro Deluxe**

Moulded side shields & adjustable for close fitting comfort. Arm length & frame angle adjustable.

Available in: Plain lens / Single Vision



Lens Pb mm:	Weight:	Colour:	Order Code:
0.75	80 gm	Grey and Yellow Pink	GLAD
0.75 (0.5 Side Lead)	88 gm (with side lead.)	Grey and Yellow Pink	GLADSS (with side lead)

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## Glasses



### MINI Sport

Same frame as the sport, but slightly smaller, for smaller faces.  
Made with ultra soft nose pads and is available with or without side shields.

Available in: Single Vision / Bi focal and Progressive lenses

Lens Pb mm:	Weight:	Colour:	Order Code:
0.75	60 gm	Cherry Vine / Silver	GMINI
0.75 (0.5 Side Lead)	68 gm	Cherry Vine / Silver	GLMINISS

### Predator

Excellent wrap around for splash protection as it fits close to the cheeks and has larger lenses.  
Designed to be more comfortable for a larger head.  
Made with ultra soft nose pads and is available with or without side shields.

Available in: Plain lenses only



Lens Pb mm:	Weight:	Colour:	Order Code:
0.75	70 gm	Silver / Black	GPRED
0.75 (0.5 Side Lead)	> 70gm	Silver / Black	GLPREDSS (with side lead)

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### Fit Overs

Wide frame allows you to place over most other glasses, reducing the need for bespoke prescriptions.



Lens Pb mm:	Weight:	Colour:	Order Code:
0.75 (0.5 sides)	90 gm	Black/ Tortoiseshell	GLFT

### Wrap Around

Nylon frame distributes weight evenly and provides good peripheral vision.

Available in: Single Vision / Bi focal and Progressive lenses.

Lens Pb mm:	Weight:	Colour:	Order Code:
0.75	90 gm	Silver Tortoiseshell	GLWR



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## Apron Storage



HA172



HA175



HA171



HA170

### Mobile Rail

For use with either HA170 or HA175 Hangars.  
 Holds up to 10 aprons  
 4 rubber tyred wheels.  
 Tubular steel construction.  
 Dims: 147h x 125l x 51w cm

Description	Order Code
Mobile Rail	HA172
Wooden Coat Hangar Robust, designed to prevent slippage Designed especially for lead aprons Dims: 48l x 11w x 2d cm	HA170
Chrome Steel Hanger Swivel hook Non-slip ends are ideal for kilt hanging	HA175
Wall Mounted Rail Ideal for Dental or L.B.S or 1 glove Holds up to 3 stacked aprons Solid Steel Bar construction Dims: Backplate 36x15, 71cm rail	HA171

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## Mobile Swing Arm Rail

10 arms arc to provide easy access.  
 Rubber tyred wheels ( 2 with brakes ) for easy movement across all types of floor coverings.  
 Easy assembly flat pack.  
 Dims: 61w x 66d x 145h cm



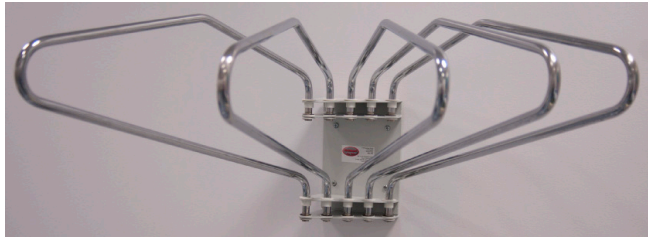
Description	Order Code
Mobile Swing Arm	HA10KT
Kilt/Skirt Hook Easily fitted to the apron arms to provide secure hanging for Combi Kilts Supplied in Pairs	SKHK



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## Apron Storage



HA5KR



SKHK

### Wall Mounted Foldaway

Aprons are held on 5 shaped arms.  
 Arms swing away against wall to save space, to RIGHT (viewed when facing wall.)  
 Dims: Backplate 15x20cms. Max arc is 72cms  
 Wall loading approx' min' of 60kgs

Description	Order Code
Wall Mounted Foldaway 5 Arm System (Right)	HA5KR
Wall Mounted Foldaway 5 Arm System (Left)	HA5KL
Wall Mounted Foldaway 2 Arm System (Right)	HA2KR
Wall Mounted Foldaway 2 Arm System (Left)	HA2KL
Kilt/Skirt Hook  Easily fitted to the apron arms to provide secure hanging for Combi Kilts Supplied in Pairs.	SKHK
Wall Rail. Solid Steel Bar construction. Legs available for extra support if partition wall. Manufactured to your specification.	HA173



**MS1L**



## Mobile Screens - Flexible

Flexible Pb/vinyl sheet(s) suspended from a spring-assisted, height adjustable (60-115cm) “H” base.  
 Fitted with rubber tyred wheels - 2 are braked.  
 Screen colour depends on Pb, white frame.  
 Modular nature allows easy upgrade from “LY” to “L”  
 If requirements change. Other Sizes available.

Type	Pb mm	Size	Order Code
LY Type 1 x Panel Mobile screen	0.5 1.00	70 x 60 70 x 60	MS5Y MS1Y
L Type 2 x Panel Mobile screen	0.5 1.00	70 x 115 70 x 115	MS5L MS1L

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## Structural Protection

### Mobile Screens - Solid

Our own manufacture solid screen - Standard size or made to your specification.  
Standard finish is white or grey melamine with Aluminium trim.  
Others can be specified.  
Locking rubber tyred wheels.

Type	Pb mm	Size	Order Code
Mobile Type R	2.0	75 x 200	MS2R75
	2.0	90 x 200	MS2R90
	2.0	120 x 200	MS2R12
Mobile Variable Height	0.5/1.0	78 x 190	MS1V



MS2R90



MS1V



MS2 - Custom

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## Fixed Screen Installations



Aluminium trim is standard but ash or other lacquered wood finish can still be supplied. Please contact us with full details of your requirements and a room/department plan so we can decide on the best type of fixings. We will be very pleased to give you a competitive quote for either supply only, or full installation. The Pb sheet is pressure bonded to backing material using an hydraulic press to ensure stability & longevity. All shielding work is carried out to the necessary standards.



## Lead Curtains

Curtains provide a method of separating patient bays in areas of mobile x-ray activity. Available upto 0.5mm Pb Reinforced eyelets. Do not behave like normal curtains due to their weight Please consult your local RPA, you may only require 0.25. 0.5 are more cumbersome and may not be needed..



Dimensions	Pb mm	Weight	Order Code
120w x 200h	0.25	9	PC25
120w x 200h	0.5	19	PC50

## Curtain Rail

Aluminium with wall roses, ceiling hooks and runners as necessary. Can be supplied for self assembly or custom made and fitted. Drawings required.

Dimensions	Pb mm	Weight	Order Code
Upto 6 m	-	5	CR60
Up to 3 m	-	2.5	CR30

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## Structural Protection

### Eye & Thyroid Shield

Ceiling mounted sheet of Pb/Glass with/without Pb Curtain suspended from a multi-positional counter-balanced arm attached to a ceiling rose.

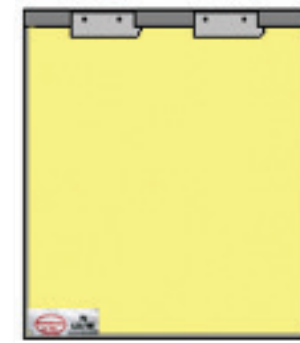
Pb mm	Size: w x h (cm)	Order Code
2.0/0.5	30 x 40	ES153 ES155
2.0/0.5	40 x 50	LP29



### Back Stop Shields

Lead/Vinyl with 2 "hooks" for hanging over bed-ends/heads to reduce radiation scatter during mobile/ward radiography.

Item	Pb mm	Size: w x h (cm)	Code
Bed Head Shield	0.50	60 x 75	BS50
	1.00	60 x 75	BS10
Cassette Shield	2.00	40 x 50	AT50



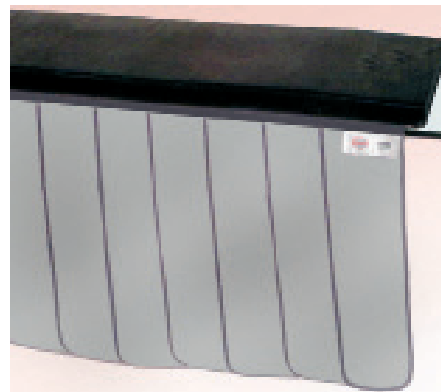
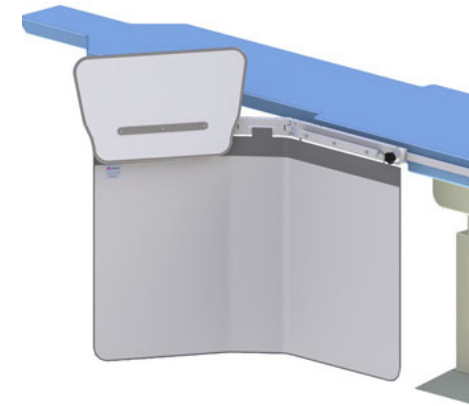
BS50



AT50

## Cardio/Angio under Table Screens

Item	Description	Order Code
Under Table screen	60cm wide, 70cm deep. 0.50Pb Slides along Din rail. Fits on RH or LH side. Hinges at a variable angle to table. Solid Panels standard but slatted ones available.	TS01
Optional Top Guard	Removable top portion.	TS01T
Custom	Other configurations available upon request.	CUSTOM
No DIN Rail	Self adhesive Velcro option for when no DIN rail is available.	CUSTOMV



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## Structural Protection



### SideWinder™ Table Shield

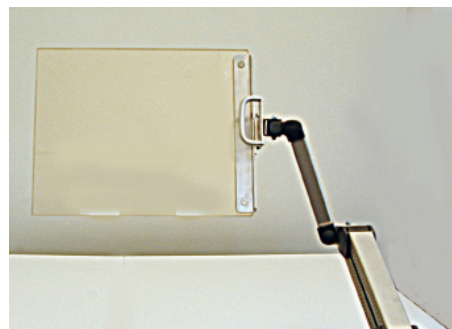
If you can't fit an Overhead suspended arm shield then maybe this will solve your scatter problems.  
 Attaches to table side-rail so easily adjusted to the required working position  
 Provides 360 degrees rotation both vertically & horizontally  
 Tilttable  
 0.50mmPb Perspex Screen

Available with an extended reach arm giving a further 25cm reach



Item	Description	Code
Standard Arm	Screen 50w x 40H cms	SWS1
Extended Arm	Screen 50w x 40H cms	SWE1

Also available with hand/arm cut-outs.  
 Ask for details.



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### Scoliosis Shawl

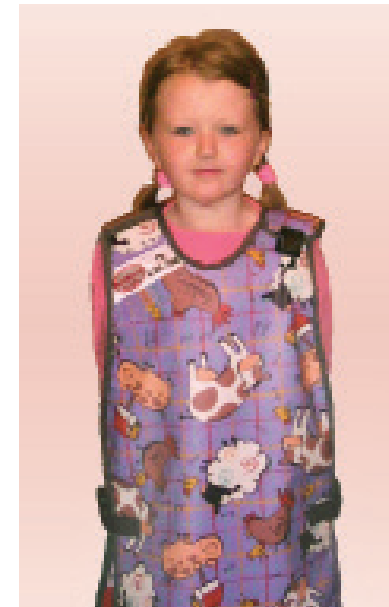
Protects breast tissue during spinal examinations.

Pb mm	Size (LxW)	Light Weight	Edge Bilayer
0.50	80 x25	SH50 LW	SH50 K

### Child Aprons

Smaller format apron to provide full protection to children.

Pb mm	Size (LxW)	Light Weight	No Lead
0.35	33 x 36w	CH 33 -LW	CH 33 -N
0.35	51 x 36	CH 35 -LW	CH 35 -N
0.35	66 x 36	CH 36 -LW	CH 36 -N
0.35	76 x 46	CH 37- LW	CH 37- N



For pricing, visit [www.rothband.com](http://www.rothband.com)

[www.rothband.com](http://www.rothband.com) - Tel: + 44 (0) 1706 830086 - Fax: + 44 (0) 1706 830324 - [sales@rothband.com](mailto:sales@rothband.com)



## Patient Protection



### Lower Back Shields

Webbing belt with Velcro fastening, but a webbing belt with buckle is a no cost option. Specify "Steritouch Cover " on your order as an option to help prevent cross infection.

Pb mm	Size (LxW)	Light Weight	Edge Bilayer
0.50	51 x 64	LB 5 A -LW	LB 5 A -K
0.50	46 x 46	LB 5 B -LW	LB 5 B -K
0.50	40 x 40	LB 5 C -LW	LB 5 C -K
0.50	38 x 31	LB 5 D -LW	LB 5 D -K
0.50	31 x 31	LB 5 E -LW	LB 5 E -K
0.50	15 x 15	LB 5 F -LW	LB 5 F -K

Choose any three for a  
5% discount



### Kings Lynn

Almost Radiolucent plastic encased metal Pb,

4 sizes complete with wall rack with positioning instructions.

Pb mm:	2.0
<b>Size</b>	<b>Order Code</b>
Set of 4	GKLSet



### Cup Shaped

Navy Covered Pb/PVC

Pb mm:	1.0
<b>Size</b>	<b>Order Code</b>
Small	GC1S
Medium	GC1M
Large	GC1L
Set of 3	GC1 Set



### T- Shaped

Metal Pb is completely encased in a moulded, easily cleaned, grey plastic.

Pb mm:	2.0
<b>Size</b>	<b>Order Code</b>
Set of 3	GT2Set
Wall Rack	GTBox



### Flexi Type

Unisex Nylon Covered flexible Pb/ PVC with bound edges  
3 sizes available.  
Option to factory fit an elasticated waist belt.

Pb mm:	2.0
<b>Size</b>	<b>Order Code</b>
Set of 3	GFLSet
Belt	GFBelt



### Ovary Shields

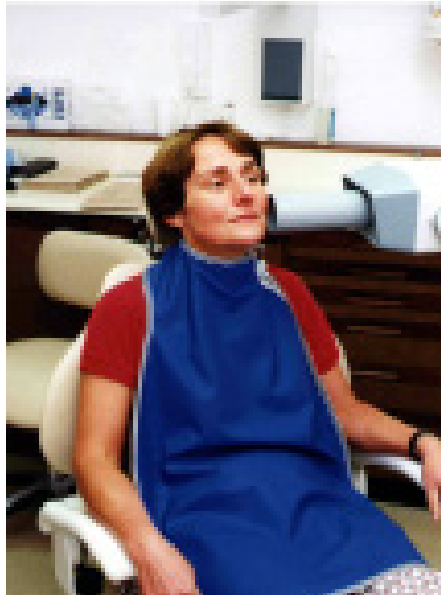
Welded easy clean covers for hygiene.  
Tapes to ensure correct positioning.

Pb mm:	2.0
<b>Size</b>	<b>Order Code</b>
Set of 3	GO1Set

For pricing, visit [www.rothband.com](http://www.rothband.com)

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## Patient Protection



### Dental Aprons

With adjustable velcro neck fastening, choice of colours.  
Designed with higher neck for increased thyroid protection.  
Made from our light weight Pb, unless specified otherwise.

Pb mm	Size	Order Code
0.25	76 x 56	DT2A
0.25	58 x 48	DT2C

### Dental Thyroid Collar

Designed by dental radiographers for minimal masking  
The neck strap does not contain any radiopaque materials, to  
avoid artefact during OPG's

Pb mm	Size	Order Code
0.25	20 x 30	TPC2



For pricing, visit [www.rothband.com](http://www.rothband.com)

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## Shield All - CT Drape

ShieldAll wraps around patients during CT scans & therefore minimises dose to organs outside the region of interest, giving approximately 10% reduction in total patient dose.

Its unique (registered) design means ShieldAll provides the following benefits:

Fits patients of all shapes & sizes through use of the three extender top pieces.

Fits around the abdomen during all stages of pregnancy, giving up to 55% reduction in foetal radiation dose.

Places less weight on the pregnant patient's abdomen than conventional lead aprons.

Reduces moving & handling issues for staff.

Can be used on all patients; from neonates to obese adults.

Suitable for protecting chest, abdomen or pelvis.

Simple closing mechanism ensures that ShieldAll does not slide off the patient during scanning.

Designed to remain on the scanner couch between patients.

Wipe-clean surface for infection control purposes.



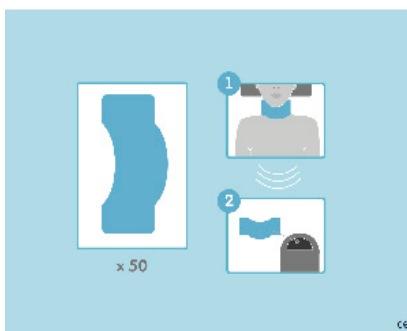
Description	Order Code
Shield All Complete	SALL5

For pricing, visit [www.rothband.com](http://www.rothband.com)

[www.rothband.com](http://www.rothband.com) - Tel: + 44 (0) 1706 830086 - Fax: + 44 (0) 1706 830324 - [sales@rothband.com](mailto:sales@rothband.com)



## Patient Protection



### Grayshield

The GrayShield Eye and Thyroid Protection Shields are the result of an extensive development to produce the most technically and cost effective shielding for patients undergoing CT or X-Ray procedures.

The shields and material have been independently tested by the Radiation Protection Service, at the Department of Medical Physics & Clinical Engineering at Singleton Hospital in the UK.

The performance of the materials has also been certified by the Health Protection Agency, which is a department of the National Radiological Protection Board in the UK.

Type	Description	Contents	Order Code
Thyroid Shield	Designed to provide maximum protection to the radio-sensitive thyroid gland. This self-adhesive shield gives approx 60% dose saving.	Pack of 10	ARTS
Eye Shield	Recommended single use. Self-adhesive. Approx 50% dose reduction.	Pack of 20	ARES

For pricing, visit [www.rothband.com](http://www.rothband.com)

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### Lateral Hip Leg Support

Radiographer designed.  
Unimpeded cross-table lateral x-rays.  
Raises & angles the unaffected limb comfortably in a 45° position, and gives unobstructed access from the hip to the patella, reducing superimposition of thigh soft tissue on the neck of femur.  
Lacquered MDF guards against knocks, provides stability and is easy to wipe clean.  
Facility for additional weighting using either a water bottle or sandbag.  
Size 47 x 23 x 46h cm.  
Weight 4.7Kg  
Use with **Ferlic Filter** for greater clarity.

**Order Code:** LHLS



### The Fish Tank

Designed as a more “infection control” friendly lateral leg support.  
Rubber feet on the distal aspect to prevent slippage.  
Strong PTEG design is less dense than perspex, creating less artefact.  
Infection control friendly PU sling, that can be removed for cleaning and if necessary, replaced.

**Order Code:** FTLS

For pricing, visit [www.rothband.com](http://www.rothband.com)

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## Positioning Aids



### Restraint Strapping

Double-sided Velcro™ strapping.  
Easily cut to length using scissors.  
Fastens onto itself.  
Use the loop (soft) side against the skin.  
Single-Sided Velcro, Adhesive backing.

Size	Order Code
50 mm wide - per single metre	FP50
50 mm wide - per twin metre	FP52

### Flexi Straps

Flexible, Velcro receiving expanded neoprene strapping, for restraint of small or large body parts.  
Larger sizes will even go round slim-line tables & patient.

Size	Order Code
5 x 60	XTS91
5 x 90	XTS92
5 x 120	XTS93
10 x 60	XTS94
10 x 90	XTS95
Other Sizes Available	



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### Table Straps

Grey vinyl leather cloth 30 x 150cms fitted with 3 bands of Velcro to hold Patient to table or restrain limbs etc. Great for stabilising patients on a CT scanner.

Order Code: XTS150

### Cervical Auto-Traction Straps

An alternative to the sandbags for supine patients  
Two webbing straps, velcro adjustable for length.  
Traction applied by simply extending legs.

Order Code: FP91



### Surgical Drape Support



The Surgical Drape Support is a simple, lightweight, radiolucent device to keep surgical drapes off a patient's face during procedures such as central line placement in any department  
The SDS reduces the feeling of claustrophobia & allows easy visual observation of the patient

Designed & tested by Dr Stephen D'Souza & his team at Lancashire Teaching Hospital

Order Code: SDS1



### Perspex J Shaped Arm Board

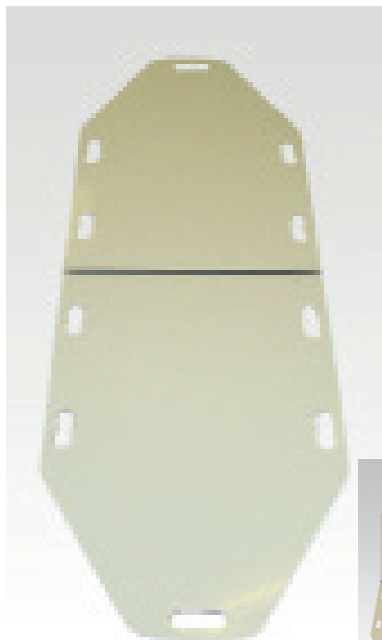
Slips under table pad and is held in place with the patients weight.  
Made to order, size as required.

Order Code: RS140S

For pricing, visit [www.rothband.com](http://www.rothband.com)

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## Patient Transfer Aids



### Glider

Radiolucent, full length, strong, flexible polypropylene transfer board.  
 Can be left in place during Imaging.  
 Low friction & static.  
 Folds in half for easy storage. 180 x 59 cm.

Transfer Aids are only recommended for use on Patients up to 250Lbs/114Kg in weight

Order Code: GLDR

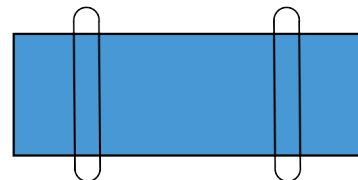
### Padded Transfer Mat

Waterproof nylon covering a 25mm foam pad.  
 Webbing loop handles for safety & easy horizontal transfer.  
 198 x 61 cms

NOT designed for Patient lifting - ONLY for sliding between trolley & imaging table tops.

Transfer Aids are only recommended for use on Patients up to 250Lbs/114Kg in weight

Order Code: FP57



For pricing, visit [www.rothband.com](http://www.rothband.com)

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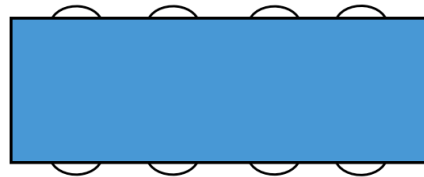
### Padded Trolley Mat

50mm or 75mm thick for long-term comfort.  
Similar to FP57 but with a polypropylene base for rigidity.  
Webbing loop handles each side assist horizontal transfer.  
NOT designed for Patient lifting - ONLY for sliding between trolley & imaging table tops.

Transfer Aids are only recommended for use on Patients up to 250Lbs/114Kg in weight

**Order Code: FP58**

Please state mattress thickness at the time of order



### Patient Transfer Belt

Padded for comfort.  
Webbing & clip adjustment for easy fitting to patient.  
Assist patients out of chairs or the support of unsteady walkers.  
Four strategically placed hand-holds for maximum ease of use.  
Fits up to 114 cm waist

**Order Code: XID18**



For pricing, visit [www.rothband.com](http://www.rothband.com)

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## Steps & Lifts



### Lateral Foot Imaging Step

Double hand-rails plus frontal crossbar means that patients feel much more secure during standing lateral foot examination. Specially designed step height of 400mm ensures compatibility with most X-ray tubes. Stable design tested to the requirements of EN14183 Stepstools. Low-slip treads. Easy to re-locate - just tilt & the step's castors then make contact with the floor for moving. Closed cell foam lateral foot block (FP40L) included. Depending on equipment configuration the step can also be used for standing AP & Lateral Ankles.

Order Code: LFIS

### Patient Step - Double

Welded for stability  
Black epoxy with low-slip treads.  
Safe recommended working load 158kgs / 25 stone.  
Optional Second hand rail available, call for details.

Order Code: S105

Hand Rail  
Order Code: S107D



For pricing, visit [www.rothband.com](http://www.rothband.com)

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### Patient Step - Single

Pictured on the left, the Single Patient Step now comes with attached handrail as standard.  
Dimensions: 36w x 28d x 22½cm high; Handrail height is 87cm.  
(Base Dimensions: 30½ x 41cm)  
Safe recommended working load 120kgs / 18 stone.

Order Code: S103/S107

### Perspex Standing Feet Plate

Polished Perspex with rounded edges and non-slip feet for safety.  
Can accommodate a wide range of cassettes and DR plates  
(please specify.)

Weight Limit: 200kg

Order Code:  
35 x 43: GPFC354  
24 x 30: GPFC243



For pricing, visit [www.rothband.com](http://www.rothband.com)

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## Plate Holders



### Padded Cassette Backrest

For chest examinations.  
 Use behind patients when on trolleys/beds.  
 Helps obtain an erect position.  
 Fits any DR Plate, please specify.  
 Wipeable & removable Nylon outer covers.  
 2 handles for easy carrying/positioning.

Approx 150 angle 40 x 50 x 15cms

**Order Code: PCBR**

### The Taylor-Mills Padded Cassette Holder

For use underneath patients.  
 Foam padded "envelope" to fit up to any plate/cassette.  
 Wipeable Nylon outer cover.  
 Other sizes can be manufactured to fit the larger DR plates.  
 Input by Alison Taylor (radiographer), to help create a more comfortable experience for elderly patients.

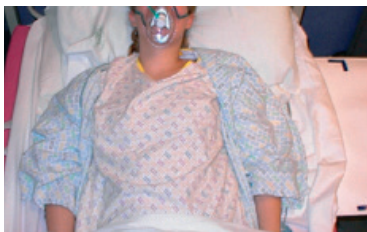
A donation to age UK will be made for each unit sold.

**Order Code: PPCH**



For pricing, visit [www.rothband.com](http://www.rothband.com)

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## X Ray Slider

The X-Ray Slider is a patented device that uses a low friction outer membrane in order to facilitate the placement of a radiographic medium under a patient negating the need to lift. For both digital & analogue cassettes, with or without grid. Accepts both portrait or landscape cassettes. Essentially radiolucent covering so no increase in exposure is required. Ideal for pelvic & abdominal exams on the ward. Water resistant welded seams make it easy to clean. Promotes patient comfort. Promotes back care for staff.

**Order Code:** SLDR



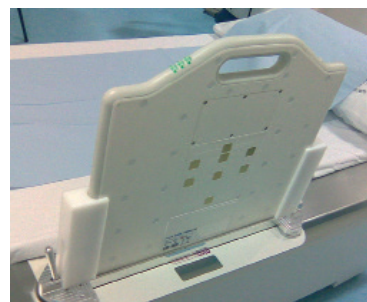
## M Ray—Magnetic Plate Holder

Permanent or switchable (Digital model) magnetic columns firmly hold X-Ray cassettes/plates vertically. Analogue, CR or DR cassettes of any thickness can be positioned at any orientation. Thin baseplate means easy positioning under patient.

**Ideally indicated for:**

Emergency trolley lateral C-Spine.  
Lateral hip / air-gap or grid technique.  
General lateral orthopaedic radiography.

**Order Code:** CHMA - Cassette only  
CHMD - Cassette / DR Plate

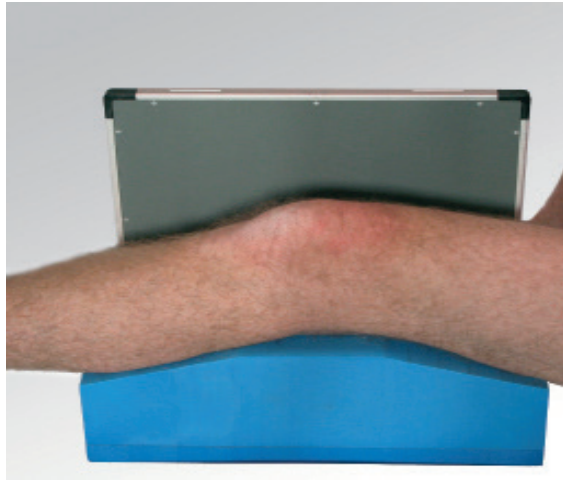


For pricing, visit [www.rothband.com](http://www.rothband.com)

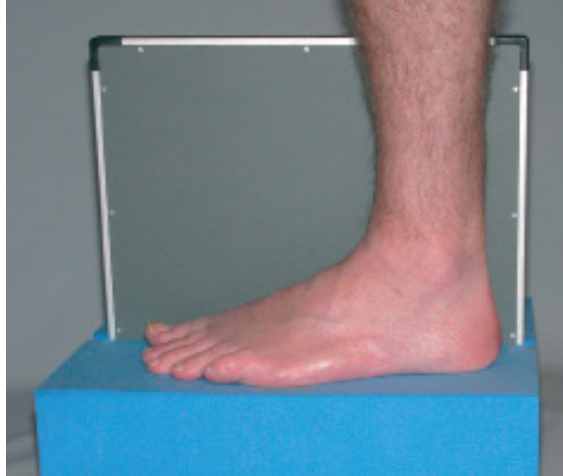
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# Plate Holders



**FP39L**



**FP40L**

Description	L x W x H (cms)	Plain	Coated	Closed Cell	Pv Cover
Lateral Knee Block: Chamfered edges for comfort & ease of positioning. Specify slot width for your CR/DR plate.	36 x 30 x 12	-	-	FP39L	-
Standing Lateral Feet Block: Closed cell foam for hygiene - use on floor or raised on a step (handrail recommended). Specify slot width for your CR/DR plate.	36 x 30 x 10	-	-	FP40L	-

For pricing, visit [www.rothband.com](http://www.rothband.com)

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## Sliderers - Disposable Cassette Covers

Made from an extremely strong but slippy plastic which both Assists in cassette placement & in Infection Control.

- Easier placement & removal of cassette/plate.
- Reduces back, arm & neck strain for staff.
- Minimises movement required by patient.
- Protection of cassette from fluids & contamination.
- Protection of staff AND patients.
- Dispose of as clinical waste.
- Contact us for call-off order pricing.



Rail available for wall / Mobile machine mounting

Size	Order Code
Sliderers 0-100	SLIDA
Sliderers 150-1000	SLIDB
Sliderers 1050+ (state volume)	SLIDC
Sliderer Holder 2 countersunk holes for wall fixing Or use double sided adhesive pads for mounting on a portable Free with 1st order for 1000 sliderers !	SLIDH

For pricing, visit [www.rothband.com](http://www.rothband.com)

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## Plate Holders



### PAG - DR plate holder

The Protect-A-Grid DR panel premium grid encasement allows for safe & effective examinations when using Direct Radiographic plates.

The PAG-DRP is a drop-on style that snaps on & off your existing DR panel quickly & effectively.

#### Product advantages:

Sturdy heavy duty Aluminum frame.

Helps to protect those expensive DR plates from accidental damage.

Models available to accommodate all DR panel makes & sizes.

Please provide us with details of your equipment manufacturer & the size of the plate you require.

Can be supplied with a grid of your choice.

Product Description	Order Code
Encasement without grid	PAG
PAG with grid, 24 x 30, 8:1/40 lines AL/AL	PAG2430AA
PAG with grid, 35 x 43, 8:1/40 lines AL/AL	PAG3540AA
PAG with grid, 35 x 43, 8:1/40 lines CF/AL	PAG3540CA
PAG with grid, 35 x 43, 8:1/70 lines AL/AL	PAG3570AA
PAG with grid, 35 x 43, 8:1/70 lines CF/AL	PAG3570CA
PAG designed for DRX1, 215/10:1	PAGDRX1-A
PAG designed for DRX1, 103/10:1	PAGDRX1-B



## Grid Lids

Grid-lids allow a stationary grid to be fitted to most types of cassette allowing grid & cassette to be positioned as one object.

Fits all CR plates and Grid sizes.

Size	Order Code
18 x 24 cm	GFR182
24 x 30 cm	GFR243
30 x 40 cm	GFR304
35 x 35 cm	GFR353
35 x 43 cm	GFR354



## Grid Covers

Grid covers are a clear, rigid, plastic envelope.

They offer a degree of protection to the grid & are easy to clean.

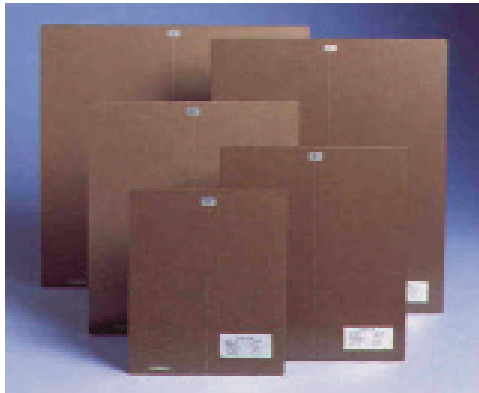
Note: these do not attach to the cassette like grid lids.

Size	Order Code
18 x 24 cm	GPX182
24 x 30 cm	GPX243
30 x 40 cm	GPX304
35 x 35 cm	GPX353
35 x 43 cm	GPX354

For pricing, visit [www.rothband.com](http://www.rothband.com)

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## Grids



### Aluminium Grids

Size	40 Lines Order Code	Ratio
18 x 24	S182840	8:1
24 x30	S243840	8:1
30 x 40	S304840	8:1
35 x 35	S353840	8:1
35 x 43	S354840	8:1

They have aluminium interspacing and aluminium outer covers.  
 Available in Parallel or Focussed formats.  
 Focussed grids have a focal distance of 100-105cm - others available.  
 ADD (P) For Parallel or (F) for Focussed to the end of the grid order code.

### Carbon Fibre Grids

Size	40 Lines Order Code	Ratio	70 Lines Order Code
24 x30	C243840	8:1	C243870
35 x 43	C354840	8:1	C354870

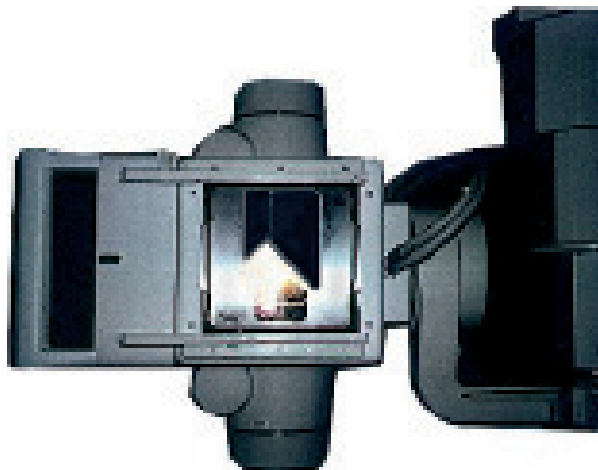


Available in Parallel or Focussed formats.  
 Focussed grids have a focal distance of 100-105cm - others available.  
 ADD (P) For Parallel or (F) for Focussed to the end of the grid.

For pricing, visit [www.rothband.com](http://www.rothband.com)

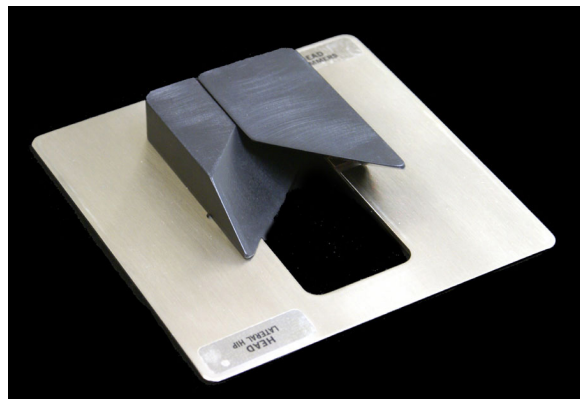
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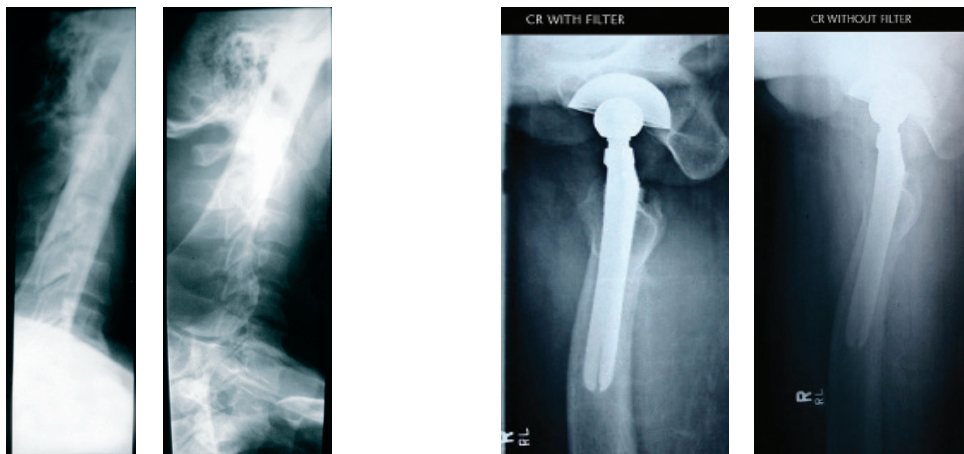


## Ferlic Filter - Swimmers and Lateral Hip

- Improves image quality by filtering & collimating.
- Even density of x-rays & image from C1 to T1.
- Even density on Lateral hips from acetabulum to the distal femur.
- Reduce overall patient exposure.
- Increase patient throughput (no wait for medical staff to apply traction etc.)
- Reduce costs & eliminate retakes.
- Shows all radiological information at one window & level setting.



Tube Mfr &/or Rail Dimensions		Order Code
G.E	164mm	FRCG
Philips	169mm	FRCP
Siemens	176mm	FRCS

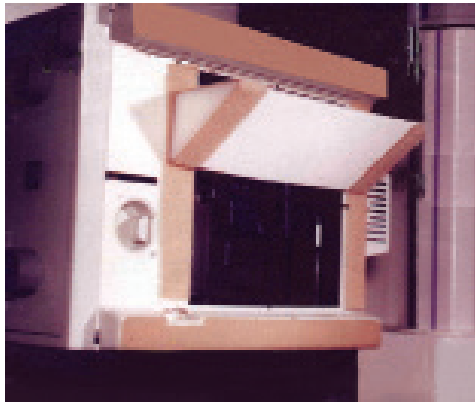


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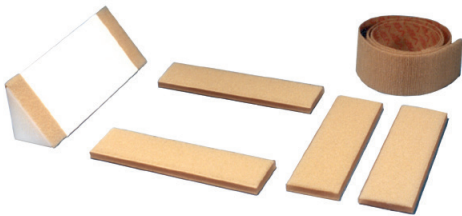
## Filters



### Octostop - little Prism

Made from flexible silicone rubber.  
 Evens out densities in examinations involving high inherent contrast.  
 Shows all radiological information at one window & level setting.  
 Attaches to light beam diaphragm using supplied Velcro.  
 Double-contrast barium studies (attach to LBD.)  
 Leg Length (attach to LBD instead of using graduated screens)  
 Calcaneum (axial view.)  
 Olecranon (axial view.)  
 Patella & tibial tuberosity.

Order Code: CFPM



### Octostop - Boomerang

Made from flexible silicone rubber.  
 Evens out densities in examinations involving high inherent contrast.  
 Shows all radiological information at one window & level setting.  
 Shoulders (particularly air-arthrograms.)  
 Lower maxilla, Cephalometry  
 D1-D3 (in AP projection.)  
 Superficial bone lesions.

Order Code: CFBG  
 CFBGBD (with Beads)



For pricing, visit [www.rothband.com](http://www.rothband.com)

## Octostop - Gentle Slope

Made from flexible silicone rubber (virtually unbreakable.)  
Evens out densities in examinations involving high inherent contrast.  
Save on repeat exposures.  
Shows all radiological information at one window & level setting.  
For even densities from “toes to tarsals” & “fingers to carpals”  
Ideal for imaging of Rheumatic disease.

Order Code: CFSP



For pricing, visit [www.rothband.com](http://www.rothband.com)

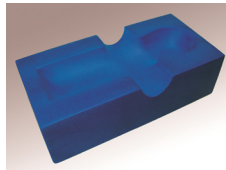
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## Foam Positioning Pads



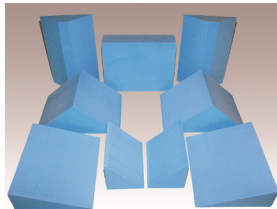
### Standard Poly foam

Functionally radiolucent and generally artefact-free.  
It provides a “non-slip” surface.  
Combustion Modified Highly Resilient (CMHR) as approved by Fire Officers.  
Standard foam has a firmness rating of 40.



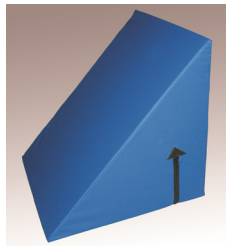
### Coated Foam

Easily wiped clean.  
Potentially radio opaque, caution should be used when using softer beams.



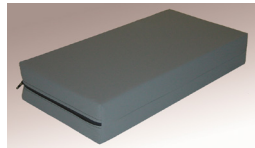
### Closed cell Foam

Easily wiped clean  
Will not absorb any fluids even if torn.  
“Non-slip” surface.  
Functionally radiolucent & generally artefact-free.  
Limited to smaller angular shapes - max height 100mm



### Covered Foam

Sewn covers utilise our waterproof polyester/vinyl (Pv) apron cover material.  
Covers for larger shapes/pads are normally zipped for easy removal & laundering.  
Choice of colours.  
Easy to wipe clean.  
Normally only regular shaped wedges & blocks can be covered.



### Upholstered Foam

Certain large shapes can be covered in Flame Retardant (grey) vinyl.  
FP21, 29, 32, & 33 being the most common.  
Sewn seams will normally show but are easily identifiable as such.

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## Individual Foam Shapes - Blocks & Wedges



**FPO2**

Rectangular Block  
23 x 18 x 6

Plain FPO2  
Coated FPO2C  
Closed Cell: FPO2L  
PV Cover: FPO2Z



**FPO3**

D Shape Block  
25 x 15 x 5

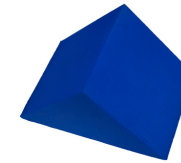
Plain FPO3  
Coated FPO3C  
Closed Cell: FPO3L  
PV Cover: FPO3Z



**FPO4**

Wedge 20°  
18 x 23 x 6

Plain FPO4  
Coated FPO4C  
Closed Cell: FPO4L  
PV Cover: FPO4Z



**FPO5**

Wedge 45°  
18 x 18 x 18

Plain FPO5  
Coated FPO5C  
Closed Cell: FPO5L  
PV Cover: FPO5Z



**FPO6**

Wedge 45°  
9 x 15 x 9

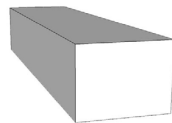
Plain FPO6  
Coated FPO6C  
Closed Cell: FPO6L  
PV Cover: FPO6Z



**FPO9**

Wedge 15°  
25 x 18 x 6

Plain FPO9  
Coated FPO9C  
Closed Cell: FPO9L  
PV Cover: FPO9Z



**FP10**

Body Support  
45 x 25 x 20

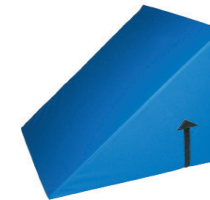
Plain FP10  
Coated FP10C  
Closed Cell: -  
PV Cover: -



**FP11**

Angled Block  
15 x 7 x 6 x 2

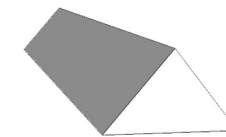
Plain FP11  
Coated -  
Closed Cell: FP11L  
PV Cover: -



**FP21**

Back Rest 45°  
46 x 46 x 46

Plain FP21  
Coated -  
Closed Cell: -  
PV Cover: FP21Z  
H-Vinyl FP21U  
Cover:



**FP29**

Spinal Wedge 45°  
18 x 60 x 18

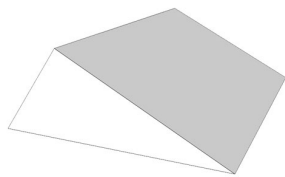
Plain FP29  
Coated -  
Closed Cell: -  
PV Cover: FP29Z

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## Individual Foam Shapes



**FP32**

Multi-angle Wedge:  
30, 60 & 90°  
25 x 60 x 18

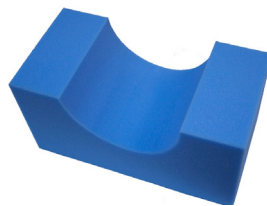
Plain FP32  
Coated -  
Closed Cell: -  
PV Cover: FP32Z



**FPO7**

Cylinder  
15 Diam x 30

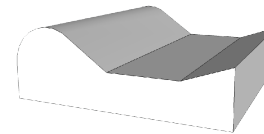
Plain FPO7  
Coated FPO7C  
Closed Cell: -  
PV Cover: -



**FP13**

Neck Support  
15 x 30 x 15

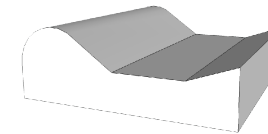
Plain FP13  
Coated FP13C  
Closed Cell: -  
PV Cover: -



**FP14**

Head Rest - Low  
25 x 10 x 8

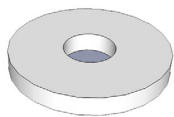
Plain FP14  
Coated -  
Closed Cell: -  
PV Cover: -



**FP15**

Head Rest - High  
25 x 10 x 10

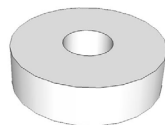
Plain FP15  
Coated -  
Closed Cell: -  
PV Cover: -



**FP16**

Head Ring - Slim  
23 diam x 4

Plain FP16  
Coated FP16C  
Closed Cell: -  
PV Cover: -



**FP17**

Head Ring - Thick  
23 diam x 8

Plain FP17  
Coated FP17C  
Closed Cell: -  
PV Cover: -



**FP18**

Skull Block - Adult  
25 x 20 x 8

Plain FP18  
Coated FP18C  
Closed Cell: -  
PV Cover: -



**FP19**

Skull Block - Child  
18 x 15 x 5

Plain FP19  
Coated FP19C  
Closed Cell: -  
PV Cover: -



**FP30**

Orbix Skull Pad  
16 x 16 x 7.5

Plain FP30  
Coated FP30C  
Closed Cell: -  
PV Cover: -

## Individual Foam Shapes



**FP31**

CT Head Pad: Wing  
22 x 10 x 4

Plain FP31  
Coated FP31C  
Closed Cell: -  
PV Cover: -



**FP12**

Lumbar Support  
41 x 23 x 6

Plain FP12  
Coated -  
Closed Cell: -  
PV Cover: -



**FP20**

Baby Immobiliser  
51 x 25 x 15

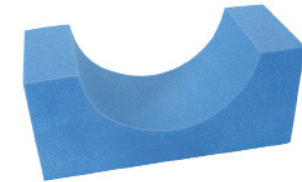
Plain -  
Coated FP20C  
Closed Cell: -  
PV Cover: -



**FP24**

Under Knee Rest  
36 x 15 x 9

Plain FP24  
Coated FP24C  
Closed Cell: -  
PV Cover: -



**FP25**

Abdomen block  
15 x 36 x 15

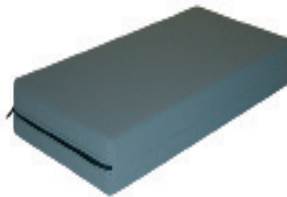
Plain FP25  
Coated -  
Closed Cell: -  
PV Cover: -



**FP26**

Abduction Pillow  
46 x 38 x 11

Plain FP26  
Coated FP26C  
Closed Cell: FP26L  
PV Cover: FP26Z



**FP33**

Decubitus Pad  
32 x 56 x 4

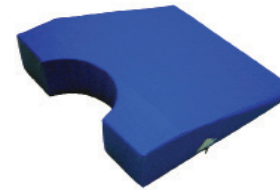
Plain FP33  
Coated -  
Closed Cell: -  
PV Cover: FP33Z



**FP34**

Cross Table  
43 x 35 x 33

Plain FP34  
Coated -  
Closed Cell: -  
PV Cover: -



**FP62**

Trans Vaginal Pad  
450 x 50 x 15

Plain -  
Coated -  
Closed Cell: -  
PV Cover: FP62Z



**FP41**

Kyphotic Chest Pad  
36 x 36 x 11

Plain -  
Coated -  
Closed Cell: FP41L  
PV Cover: -

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## Foam Shape Sets



**FP01 Standard Set**

FP02 + 2x FP03, 2x FP04, 2x FP05, 2x FP06

Plain: FP01  
 Coated: FP01C  
 Closed Cell: FP01L - FP05/FP06 have a slightly different dimension.  
 PV Cover: FP01Z



**FP45 Jumbo Set**

12x FP05, 4x FP06, 4x FP09, 4x FP04 & 6x FP02

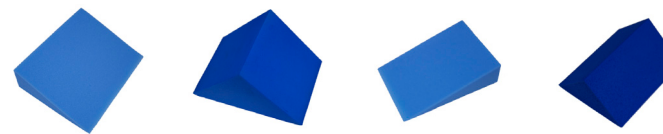
Plain: FP45  
 Coated: FP45C  
 Closed Cell: FP45L - FP06 has a slightly different dimension.  
 PV Cover: FP45Z



**FP46 Large Set**

8x FP05, 4x FP06, 4x FP09, 2x FP04 & 4x FP02

Plain: FP46  
 Coated: FP46C  
 Closed Cell: FP46L - FP05/FP06 have a slightly different dimension.  
 PV Cover: FP46Z



**FP63 Triangle Set**

FP04, FP05, FP06 & FP09: 20, 45, 45 & 15° resp'

Plain: FP63  
 Coated: FP63C  
 Closed Cell: FP63L - FP05/FP06 have a slightly different dimension.  
 PV Cover: FP63Z



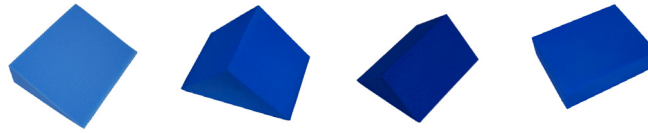
## Foam Shape Sets



### FP66 Block Set

Set of 8 rectangular blocks.  
2 each of 10 x 15cm by 1.2, 2.5, 3.7 & 5.0cm deep

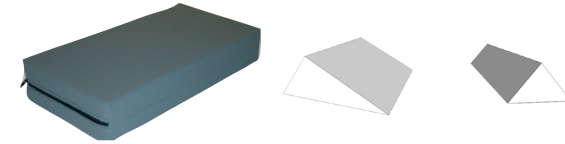
Plain FP66  
Coated FP66C  
Closed Cell: FP66L  
PV Cover: FP66Z



### FP69 Mixed Set

FP05, FP06, FP04 & FP02

Plain FP69  
Coated FP69C  
Closed Cell: FP69L  
PV Cover: FP69Z



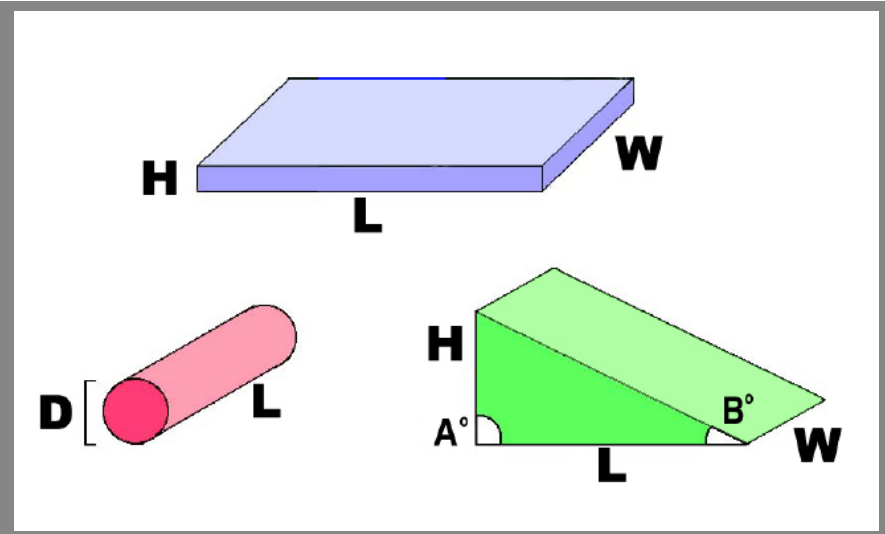
### FP65 Fluoroscopy Set

FP29, FP32, FP33

Plain -  
Coated -  
Closed Cell: -  
PV Cover: FP65

## Custom Designs

Contact us with a sketch showing your requirements giving the dimensions & angles as shown (right), foam density & type & colour of cover (if any) required.

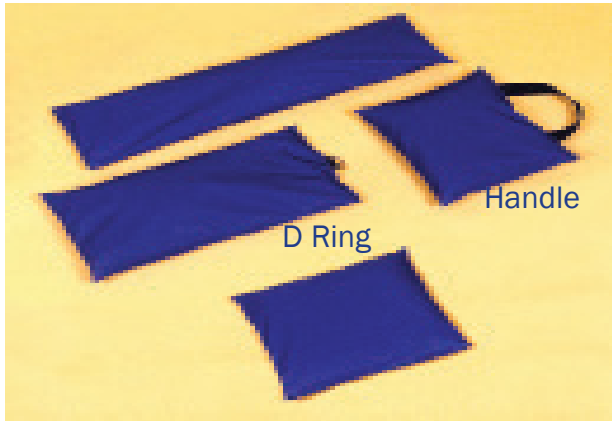


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## Sandbags



Double bag construction to minimise leaks  
 Inner bag has fully welded seams  
 Standard outer cover is our easy-wipe soft Pv as standard

Pv or Nylon – your choice of colours or as supplied  
 Silica sand, limp filled for easy flow  
 Any size or weight to order

Formula to calculate sandbag price	Order Code
Pv cover Per sq cm 2.6p, Minimum of: £ 10.00	SBP
Nylon cover Per sq cm 2.6p, Minimum of: 10.00	SBN

Options	Order Code
Extra Handle	SBH
Extra D Ring	SBD



FP82

18 x 24 cms 1.5 kg



FP83

15 x 45 cms 3.0 kg



FP84

15 x 60 cms 5.0 kg



FP85

30 x 30 cms 6.0 kg

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Cervical Set

Product Description	Order Code
Cervical Sandbags - pair Better visualisation of C7 in upright studies Fitted with webbing handle 4.5 kgs each	FP88
Standard Radiographic set One of each of the Following: FP82, FP83, FP84, FP86	FP81
Paediatric Set Quick & easy positioning of an infant One for each arm, one for the legs 3 kgs each 3 x 15 x 45cms (A)	FP89
Above in Frog design	FP89F



Positioning Set



Paediatric Positioning Set



Paediatric Frog Set

For pricing, visit [www.rothband.com](http://www.rothband.com)

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## X-Ray Markers



Clip - on Markers

AP and PA available.  
Can be customised to include up to 3 extra characters.

**Order Codes:**

AP marker: CL1A  
PA marker: CLIP

1 Extra Character: CLC1  
2 Extra Characters: CLC2  
3 Extra Characters: CLC3

Extra Letters to be specified at the time of order.



Strap with Lead Legends

13mm Pb letters on a 150 mm flexible strap.

Characters have a greater opacity than some other markers.

Order Code: CLST



Perspex Markers

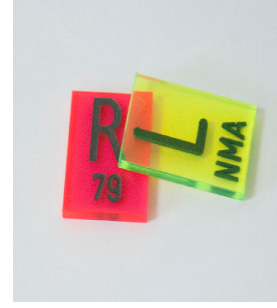
25mm square tablet

Can be customised to include up to 3 extra characters.

**Order Codes:**

Rt marker: LL1R  
Lt marker: LL1L  
Extra Char: LL1X

Extra Letters to be specified at the time of order.



Perspex Markers Double Density

25mm square tablet

Can be customised to include up to 3 extra characters.

**Order Codes:**

Rt marker: LLDD1R  
Lt marker: LLDD1L  
Extra Char: LL1X

Extra Letters to be specified at the time of order.



Round Chain

20mm diameter  
15 cm chain

Order Code: LLCR



Square Chain

20mm diameter  
15 cm chain

Order Code: LLCS

# X-Ray Markers



### 6mm Lead Legend

6mm  
High Density  
Full selection of numbers and letters available.  
Packs of 10 only (any)

**Order Code: LC06**

*State desired letters/numbers whilst ordering*



### 13mm Lead Legend

13mm  
High Density  
Full selection of numbers and letters available.  
Packs of 10 only (any)

**Order Code: LC13**

*State desired letters/numbers whilst ordering*



### 25mm Lead Legend

25mm  
High Density  
Full selection of numbers and letters available.  
Packs of 10 only (any)

**Order Code: LC25**

*State desired letters/numbers whilst ordering*



### 6mm Lead Characters

6mm  
Lead paste mounted on perspex.

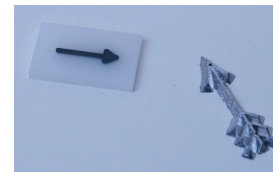
Full selection of numbers and letters available.

Packs of 10 only (any)

Full words also available on request.

**Order Code: LL01**

*State desired letters/numbers whilst ordering*



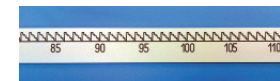
### Lead arrow

6mm  
Lead paste mounted on perspex.

Full selection of words and symbols available.

**Order Code: LLAR**

*State desired letters/numbers whilst ordering*



### Lead Ruler

Meter long lead ruler.

**Order Code: LL01**

*State desired letters/numbers whilst ordering*

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# Warning Signs



Order Code: WSA

Self adhesive  
Black on yellow  
30cm x 25cm



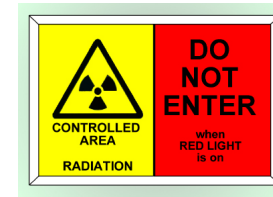
Order Code: WSAB

Self adhesive  
Black on yellow  
15cm x 20cm



Order Code: WSA

Self adhesive  
Red and White  
20cm x 18cm



Order Code: WSE1

Illuminated Wall  
Mounting  
Split Box (V)  
24cm x 17cm



Order Code: WSE2

Illuminated Wall  
Mounting  
Split Box (H)  
24cm x 17cm



Order Code: WSLA1

Illuminated Wall  
Mounting  
Split Box (V)  
24cm x 17cm



Order Code: WSLR1

Self adhesive  
Rigid PVC  
32cm x 40 cm  
Helps conform to  
new controlled area  
regulations.



Order Code: WSLM1

Self adhesive  
MRI Use  
15cm x 25cm



Order Code: WSLM2

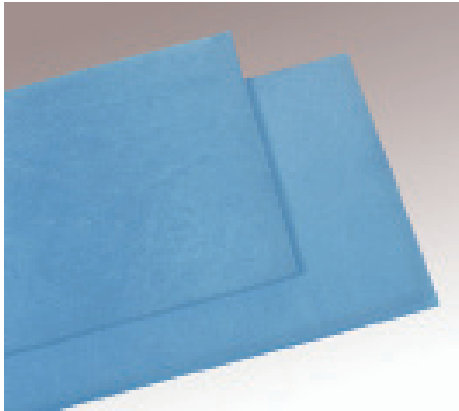
Self adhesive  
MRI Use  
20cm x 30cm



Order Code: WSF1

Free standing A Frame  
Ideal for Mobile x-ray  
Printing on both sides  
60cm x 45cm

## Mattresses



### Foam Mattress

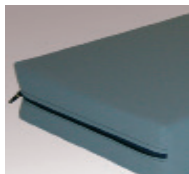
Uncovered mattress foam is CMHR 40, is normally Blue & is available from stock either 2.5 or 5.0 cm thick. Good support & pressure relief. Radiolucent, negligible attenuation & normally artefact-free. Readily absorbs fluids so a cover is recommended.

**Order Codes:**

FP22 (CMHR40 - 61 x 198 x 2.5 cms)  
 FP23 (CMHR40 - 61 x 198 x 5.0 cms)



FPEYE



FPZIP



### Sewn Cover Mattress

Prolongs the life of the foam by encasing it in a sewn cover. Available as either a PV or Nylon (Full choice of colours - The same materials as the aprons.)

**Order Codes:**

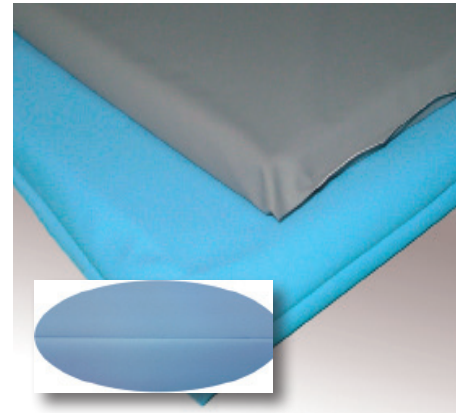
FP47 (FP22 with a PV or Nylon Cover)  
 FP48 (FP23 with a PV or Nylon Cover)

**Options:**

FPZIP - Add a Zip for easy replacement.

FPEYE - Eyelets on an end for table fastening/storage.

FPVEL - 50mm self adhesive velcro for simple table attachment.



### Welded Cover Mattress

Completely sealed for infection control. Anti-bacterial & fungi coating. Conforms to BS7175 (ignition sources.) Easy to clean. only certain colours available (please call.)

**Order Codes:**

FP67 (FP22 with a PV welded cover)  
 FP68 (FP23 with a PV welded cover)

**Options:**

FPZIP - Add a Zip for easy replacement.

FPEYE - Eyelets on an end for table fastening/storage.

FPVEL - 50mm self adhesive velcro for simple table attachment.



### Polythene Overslips

Ideal for infection control. Offers protection to your mattresses and helps prolong their life.

**Order Codes:**

FP42 - Fits both FP22 and FP23



### White Vinyl Covers

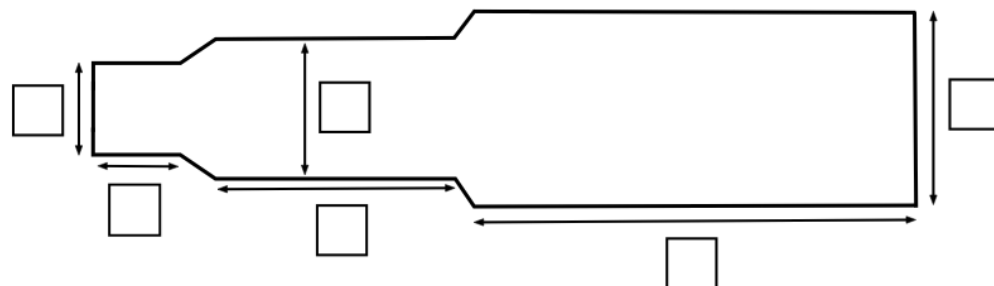
Ideal for infection control. Offers protection to your mattresses and helps prolong their life. Press studs makes replacement easy.

**Order Codes:**

FP43 (fits FP22)  
 FP44 (fits FP23)

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## Mattress Template

We need ALL the measurements/angles illustrated on the diagram opposite if you wish to order a shaped or non-standard mattress.

Alternatively trace around the shaped areas & send this to us.

**Please Include Thickness**

## MATTRESS ATTENUATION FIGURES

Measured by an Independent Physics service

Mattress Type	Depth mm	Al @ 40kV mm	Al @ 60kV mm	Al @ 80kV mm
Plain Foam	25	0.04	0.03	0.02
Plain Foam	50	0.08	0.11	0.12
Pv Sewn Cover	25	0.15	0.16	0.17
Sewn A/S cover	25	0.20	0.23	0.25
Sewn A/S cover	50	0.29	0.35	0.37
Sealed Neoprene	25	0.28	0.32	0.33
Sealed Neoprene	50	0.36	0.44	0.45

Tests carried out using a medium frequency generator

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## Interventional Storage Solutions



Catheter Trolley 200

Rear section has 3 compartments each with 7 adjustable hooks. Front area is a worktop with full width drawer below. Below are 12 open fronted compartments on 3 levels. On castors with 2 handles each side

Overall size:  
1010w x 1600h x 750d mm

Order Code: CTR200



Catheter Trolley 210

Rear section has 4 compartments each with 7 adjustable hooks. Front area has 3 rows of hook support channels at different heights each with 7 hooks. On castors with 2 handles each side.

Overall size:  
1010w x 1600h x 550d mm

Order Code: CTR210



Catheter Cupboard 220

Shelves at top & at base level. Centre section has 6 adjustable sliding hangers. Each hanger has 5 hooks. Lockable tambour shutter.

Overall size:  
1000w x 2250h x 550d mm

Order Code: CTR220



Catheter Cupboard 230

Rear section has 4 compartments each with 7 adjustable hooks. Front area has 3 rows of hook support channels at different heights, each with 7 hooks. Shelf at top. Lockable tambour shutter.

Overall size:  
1000w x 2250h x 550d mm

Order Code: CTR230

For pricing, visit [www.rothband.com](http://www.rothband.com)

[www.rothband.com](http://www.rothband.com) - Tel: + 44 (0) 1706 830086 - Fax: + 44 (0) 1706 830324 - [sales@rothband.com](mailto:sales@rothband.com)

## MRI



MRI Patient Trolley - Basic

Constructed from non-ferrous materials with minimal magnetic flux.  
Safe to 8 Tesla.  
Fixed Height.  
Adjustable backrest (2 ratchets).  
Twin hook IV pole & storage.  
Twin rail safety sides to 140mm above mattress.  
Anti-static 50mm pad with retaining hooks.  
Corner buffer rails/handle.  
4 Braked Anti-Static 125mm wheels.  
280 kgs advised, 300 max weight limit .  
2120l x 690w x 840h mm

Order Code: MRI101



MRI Patient Trolley - Basic Plus

As the basic model, but with full length trendelenberg tilt.

Fitted with spirit level for quick visual level.

Order Code: MRI111

For pricing, visit [www.rothband.com](http://www.rothband.com)

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MRI Patient Trolley - Deluxe

Constructed from non-ferrous materials with minimal magnetic flux.  
 Safe to 8 Tesla.  
 Height adjustable 600-1000mm  
 Hydraulically operated.  
 Adjustable backrest (2 ratchets)  
 Twin hook IV pole & storage.  
 Twin rail safety sides to 140mm above mattress.  
 Anti-static 50mm pad with retaining hooks  
 Corner buffer rails/handle.  
 4 Braked Anti-Static wheels.  
 Underframe tray.  
 280 kgs advised, 300 max weight limit  
 2120l x 690w x 600-1000h mm

Order Code: MRI121



MRI Patient Trolley - Deluxe Plus

As the deluxe but with:

Trendelenberg tilting top.  
 Reverse Trendelenberg tilt to:  $-12 / +8$  degrees.  
 Fitted with spirit level for quick visual level.  
 Gas-strut assisted backrest.

Order Code: MRI122

For pricing, visit [www.rothband.com](http://www.rothband.com)

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## MRI



MRI Porter Chair

Constructed from non-ferrous materials with minimal magnetic flux.  
Vinyl upholstery.  
Hinged footrest.  
Hinged padded arms.  
Anti-static 125mm wheels, all braked.

985l x 750w x 985h mm  
Order Code: MRI107



MRI Wheelchair Standard

46cm/18" wide, 113kg/250lb capacity.  
Flip-up footplates with heel straps.  
Stainless steel I.V. pole & E cylinder holder are standard.  
20cm front castors & lightweight 60cm wheels with quality wheel-bearings.  
Durable, lightweight 18 gauge, 304 grade stainless steel frame.  
Retractable wheel locks.  
Quick release safety belt.  
Burgundy nylon upholstery with "MR" printed on Storage pocket at rear.  
Detachable, elevating footrests are Optional extras.

Order Code: MRI112



MRI Wheelchair Large

As MRI112 but:  
55cm/22" wide.  
158kg/350lb capacity.

Order Code: MRI113

For pricing, visit [www.rothband.com](http://www.rothband.com)

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MRI Bariatric Wheelchair

As MRI113 but 249kg/550lb capacity  
 66cm/26" wide seat.  
 Dual underseat crossbraces & solid seat.  
 60cm composite Magnesium alloy wheels.  
 Heavy duty upholstery.  
 Removable arms.  
 Detachable Footplates.

Order Code: MRI114



Easy Roller - MRI Wheelchair

Ultimate MRI Wheel Chair  
 Completely made of plastic and glass to future proof against more powerful magnets.  
 Unique design means nobody can accidently mistake it for a non MRI chair.  
 Extremely easy to manoeuvre.  
 Easy to wash down completely, making it great for infection control.

Order Code: ER100



For pricing, visit [www.rothband.com](http://www.rothband.com)

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# MRI



**MRI Fire Extinguisher**

Fully non-magnetic 2kg CO2

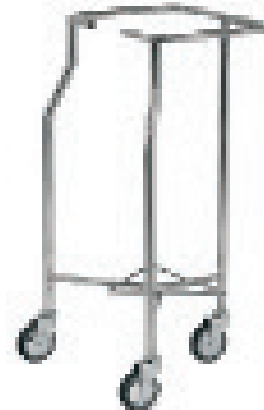
Order Code: MRI108



**MRI Drip Stand**

2 hooks.  
5 star base  
1300-2400h x 570wmm  
diameter

Order Code: MRI103



**MRI Soiled Linen Holder**

For bags with 1500mm  
circumference

450w x 450d x 750h mm

Order Code: MRI109



**MRI Instrument Trolley**

Fitted with removable lipped  
shelves.  
Anti-static 75mm wheels  
455w x 455d x 890h mm  
(Shown with optional drawer  
£110 & guard rails £50)

Order Code: MRI104



**MRI Drawer Set**

Manufactured from alu-  
minium with plastic drawers  
and a 2mm aluminium top.  
Trolleys are fitted with four  
52mm swivel castors, two of  
which are braked.  
Standard units are available  
with 6 drawers  
Bespoke utility trolleys can be  
manufactured to any height  
with the option of drawer  
depths (75mm, 150mm,  
225mm and 300mm)  
450w x 450d x 900h mm

Order Code: MRI109

For pricing, visit [www.rothband.com](http://www.rothband.com)

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**Prism Glasses**

These reversible Prism Glasses are specifically designed for the MRI patient and has the advantage of being adjustable to either feet or head view direction.

**Features include:**

Adjustable viewing direction up or down.

MR safe to 7 Tesla.

Order Code: MRI118



**MRI Stool**

Screw thread height adjustment 450-680mm.  
Foot ring.  
Anti-static castors.  
50mm upholstered pad.

Order Code: MRI105



**MRI Couch Step**

260kg capacity  
330h x 300 - 420 mm diam  
Order Code: MRI116



**MRI Budget Chair**

Design and Colour may vary.

Order Code: MRI117



**MRI Budget Plastic Bin**

Flip top  
Colour and Style may vary.  
40L Capacity.  
Order Code: MRI119



**MRI Warning Signs**

Order Codes:  
WSM1: Self-Adhesive, 10x25cms  
WSM2: Self-Adhesive, 20x30cms



**MRI Cleaning Wand**

Non-magnetic cleaning wand for MR, CT & PET scanner bores.

Disposable "no-touch" cleaning pads sold in packs of 100 (MRI145) suitable for all types of disinfectant fluids.

Ensures surfaces are easily cleaned.

Easy pad ejection minimising chance of hand contact with soiled surface.

Approx 90cm length, 170gm weight

**Order Codes:**

MRI140  
MRI145 - Pack of 100 disposable foam pads

For pricing, visit [www.rothband.com](http://www.rothband.com)

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# Ultrasound



### Ultrasound Gel

Alphalube, clear, water-based ultrasound gel, general use.

**Order Codes:**

ULT-61 - 500mm bottle

ULT-62 - 5 litre container (pump not included)

ULT-63 - Dispensing pump



### Heated Lotion Cabinet

20 x 75ml bottle capacity. Thermostatically controlled.

1 shelf.

Door open recovery typically 2-3mins.

570h x 422d x 415w (mm), 20kg

OPTION - Electronic temperature display  
Other sizes, S/S finish & door vision panels are available.

**Order Code: HCL06**



### Ward Screen

Choice of white, blue or green Pvc curtains.

4 panels.

Size: 175h by 60w cm per panel.

Spare curtains available.

**Order Code: XTS18**



### Wrist Support

Simple neoprene wrap fits most sizes.

Provides warmth & gives lightweight support to help prevent RSI.

Left or Right Hand.

**Order Codes: NWSP**



### Cable Support

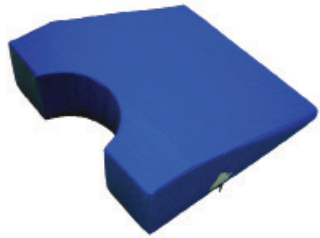
One size neoprene, velcro fastening.

Supports transducer cable putting less strain on the technician's wrist.

May help in prevention of RSI.

**Order Codes: NWBR**





TV Pads

Designed specifically for TV work.

Order Code: FP62Z



Saddle Seat

Helps to maintain an upright posture, holding the pelvis in a neutral position.

Hygienic seamless seat cover.

Height: 550-830mm. With 10 degree seat tilt.

See Furniture section for further details / options

Order Code: S504



Ultrasound Couch

Gas-strut adjustable backrest & leg sections with electric twin motor operation for both height (490-940mm) & Trendelenburg tilt up to 15 degrees.

Foot-end drops to 85 degrees so suitable for TV scanning. Double thickness foam for Patient comfort.

Recommended working limit: 260kg/41 stone

Order Code: XTS41

See couches section for further details



MD220 Airlifter

Air powered patient lifter.

Ideal for lifting patients to a manageable height when imaging the lower limb

Order Code: MD220  
MD220SR

See couches section for further details

For pricing, visit [www.rothband.com](http://www.rothband.com)

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# Terms and Conditions

## 1. Parties

- a) The "Company" means WSR Medical Solutions Ltd.
- b) The "Customer" means the person, firm or company buying goods from the Company to whom the goods are to be invoiced (unless the context otherwise requires) and any person to whom or for the benefit of whom the goods may be delivered.
- c) The "Goods" means the goods described on our invoice.

## 2. Application Of Conditions

- a) No contract shall exist between the Company and the Customer except upon the conditions set out herein and shall not be varied or excluded by the terms and conditions of any Order or any other terms and conditions sought to be imposed by the Customer including but without limitation to the Customer's Conditions of Purchase. These Terms and Conditions embody the entire understanding of the parties and supersede all and any prior promises, representations, undertakings or implications. No variation of these Terms and Conditions is permitted unless expressly accepted by a director of the Company, in writing.
- b) If the Customer shall make default in or commit a breach of any of its obligations under this contract or any other Order or Contract with the Company, the Company shall at anytime thereafter be entitled to determine the contract and without prejudice to its other rights hereunder recover from the Customer any loss arising.
- c) No statement, illustration or drawing in any circular, catalogue, advertisement or other communication in whatsoever form shall be deemed to imply any warranty or condition unless the same is specifically incorporated in this contract.

## 3. Orders

- a) Orders with a value of less than £20 (excluding VAT, net discounts) will attract a £2.50 low order surcharge to cover administration costs.
- b) Orders requesting the Company to provide the goods may be submitted or varied either orally or in writing, to either the Sales Representative, Customer Care department or other authorised Sales/Marketing personnel. Any orders submitted or variations made orally must be confirmed in writing within seven days.
- c) All orders to be forwarded to the address below.

## 4. Quotations

Any estimate or quotation shall comprise an invitation to treat and will remain open for a period of thirty days only from the date thereof, unless varied by the Company in writing. Any order issued by the Customer is subject to acceptance by the Company and a contract will only be formed when the Company has accepted the Customers offer to buy either in writing or by the processing of the order.

## 5. Specification

The Goods are supplied in accordance with specifications (if any) submitted to the Customer and any additions and alterations thereto shall be the subject of an extra charge. The Company reserves the right to change the construction or design of the Goods or the specification thereof and the Customer shall accept the Goods so changed in fulfillment of the Order.

## 6. Prices

- a) All prices quoted are exclusive of Value Added Tax which shall be payable by the Customer at the rate prevailing at the date of the applicable tax point.
- b) The Company reserves the right, by written notice at any time before despatch, to vary the price of the Goods to take account of any increases in the cost of raw materials, manufacture, packing, transport or wages or otherwise.
- c) Prices charged will be those effective at the date of Order as per the current price list.

## 7. Payment

- a) Unless the Company otherwise agrees, payment is due in full within 30 days net of the invoice date to WSR Medical Solutions Ltd., at the address below.
- b) If payment is not made in accordance with paragraph (a), or if at any time the credit standing of the Customer has (in the opinion of the Company) been impaired, the Company may refuse delivery of any Goods required under the Contract until arrangements as to payment or credit have been established which are satisfactory to the Company.
- c) Time of payment shall be of the essence and if payment is not made on the due date, the Company reserves the right to charge interest on all overdue payments and outstanding balances at the rate (both before and after judgement) of 5% above the Bankk of England base rate in force on the due date for payment (under clause 7 [a]) such interest being deemed to accrue on a daily basis from the due date for payment until receipt of payment by the Company.
- d) The Customer shall not be entitled to withhold payment either wholly or in part once the same has become due except where expressly agreed with the Company.

## 8. Delivery I Carriage Charges

- a) Unless the Company otherwise agrees, delivery shall be made to the delivery point specified in the Order.
- b) Time of delivery is not of the essence. Stated delivery times are no more than an estimate on the part of the Company and shall not be binding upon the Company which shall not be liable for any costs or damage caused by reason of any delay in delivery.
- c) The Company reserves the right to make delivery by instalments and to tender a separate invoice in respect of each instalment.
- d) The Company will usually make a charge for Carriage & packing and unless otherwise instructed by the Customer will choose the method of shipment.

## 9. Cancellations

- a) No notice of cancellation of an Order shall be valid unless given in writing and agreed to by an authorised representative of the Company.
- b) If written notice of cancellation is received by the Company, the Company reserves the right to levy a cancellation charge up to 25% of the amount of the Order which shall be paid by the Customer to the Company forthwith.
- c) If the Contract provides for delivery by instalments, each instalment shall be deemed to be the subject of a separate contract and non delivery or delay in the delivery of any instalment shall not entitle the Customer to repudiate the contract as regards the balance thereof.

## 10. Passing Of Title

- a) The legal title to the Goods shall not pass to the Customer until all sums due or payable by the Customer to the Company whether in respect of the Goods or otherwise howsoever shall have been received by the Company. Until such time the Customer shall hold the Goods as bailee of and in a fiduciary capacity for the Company and shall further:
  - i) store the Goods separately from any other goods so as to be identifiable as the property of the Company;
  - ii) be responsible for any loss or damage to the Goods howsoever caused; iii) except as provided in sub-clause (b) hereof, not sell, pledge, assign, charge or otherwise dispose of the Goods or any interest therein;
  - iv) deliver up the Goods to the Company at any time on demand and/or permit the Company, its servants or agents, at any time without notice to enter upon the Customer's premises and retake possession of the Goods.
- b) The Customer shall be entitled to sell in the ordinary course of its business any of the Goods, in which title shall not have passed to it, on condition that the Customer shall hold on trust for and (on demand made by the Company) pay or transfer to the Company the proceeds of such sale and all claims that the Customer may have against its purchaser as the result of such sale.
- c) The Customer (if so requested by the Company) and any liquidator or receiver of the assets of the Customer shall pay into a separate bank account for the sole benefit of the Company all sums received in respect of any sale under the powers out in sub-clause (b) above, by the Customer or the liquidator or receiver of any of the Goods in which title has not passed to the Customer.

## 11. Passing Of Risk

The risk in the Goods shall pass to the Customer when the Goods are tendered for delivery at the delivery point specified in the Order. In the event that the Goods are collected by the Customer from the Customers works the risk of the Goods shall pass to the Customer when they are loaded onto the vehicle of the Customer or of his carrier or other agent.

## 12. Warranty

- a) The Company warrants that the Goods shall at the time of delivery correspond to the specifications published by the Company when used for purposes for which goods of that type are ordinarily used. In the absence of any such published specifications applicable to the Goods, the Company warrants that the Goods shall at the time of delivery be of merchantable quality. If any Goods do not conform to that warranty the Company will at its option:
  - i) replace the Goods found not to conform to the warranty;
  - ii) bring the Goods into conformity with the published specifications of the Company or (as the case may be) merchantable quality; or
  - iii) take back the Goods found not to conform to the warranty and refund the appropriate part of the purchase price.

Provided that:

- aa) the liability of the Company shall in no event exceed the purchase price of the Goods; and
- bb) performance of any one of the above options (as limited by (iii) (aa) above) shall constitute an entire discharge of the Company's liability under this warranty.
- b) The foregoing warranty is conditional upon:
  - i) the Customer giving written notice to the Company of the alleged defect in the Goods such notice to be received by the Company within seven days or the time when the Customer discovers or ought to have discovered the defect;
  - ii) the Customer affording the Company a reasonable opportunity to inspect the Goods;
  - iii) the Customer making no further use of the Goods that are alleged to be defective, or any plant machinery or other equipment into which the same shall have been incorporated after the time at which the Customer discovers or ought to have discovered that they are defective.
- c) No representation or warranty is given as to the suitability or fitness of the Goods for any particular purpose and the Customer shall satisfy himself in this respect and shall be totally responsible therefore.
- d) Save as provided in paragraph (a) hereof and in Section 12 of the Sales of Goods Act, 1979:
  - i) all conditions and warranties express or implied are to the extent permitted by law hereby expressly excluded;
  - ii) the Company shall be under no liability for any loss or damage (other than in respect of personal injury or death) whether direct, indirect or consequential howsoever arising which may be suffered by the Customer.
- e) Without prejudice to the generality of paragraph (c) all recommendations and advice given by or on behalf of the Company to the Customer as to the methods of storing, applying or using the Goods, the purposes to which may be applied and the suitability of using the Goods in any manufacturing process or in conjunction with any other materials are given without liability on the part of the Company its servants or agents and where the Goods are intended for use in connection with any foods, drugs, or other goods or substances whatever, or for the packaging or securing of goods or articles of any kind the Customer shall be responsible for ensuring that such articles will not be, or not liable to be adversely affected by contact with or proximity to the Goods supplied and all liability to the Customer or any third party in respect of any damage so caused is hereby expressly excluded.
- f) In the event that, notwithstanding the provisions of paragraphs (c) and (d) above, the Company is found liable for any loss or damage suffered by the Customer, that liability shall in no event exceed the purchase price of the Goods.

# Terms and Conditions

g) To the extent that any provision herein contained or becomes unlawful by virtue of any statutory provisions or any other rule of law the words or phrases which so offend shall be deemed to have been deleted herefrom to the extent necessary to remove the invalidity, but no further or otherwise, and the remaining words, phrases and clauses shall remain operative, notwithstanding the deletion, and shall be construed, where possible, to give effect to the intentions of the parties as evidenced by the terms hereof.

h) No representation shall be taken to have been given or implied from anything said or written in the negotiations between the parties hereto or their representatives prior to any agreement entered into between the Company and the Customer but nevertheless if any representation shall subsequently be found or deemed to have been given it is hereby expressly excluded or restricted to the extent permitted by Section 3 of the Misrepresentation Act 1967 as amended by the Unfair Contract Terms Act 1977.

## 13. Force Majeure

The Company shall not be liable for any loss or damage caused by the delay in the performance or non-performance of any of its obligations hereunder where the same is occasioned by any cause whatsoever that is beyond the Company's control including but not limited to an act of god, war, civil disturbance, requisitioning, governmental or parliamentary restrictions, prohibitions or enactments of any kind; import or export regulations, strike, lock-out or trade dispute (whether involving its own employees or those of any other person), difficulties in obtaining workmen or materials; breakdown of machinery, fire or accident. Should any such event occur the Company may cancel or suspend this contract without incurring any liability for any loss or damage thereby occasioned.

## 14. Notice Of Damage, Non-Delivery Or Wrong Delivery

a) The Company shall not be liable to the Customer in the event that the Goods, at the time of delivery, do not comply with the warranty in Clause 12(a) and the non-compliance is one which should have been apparent on a careful visual inspection of the Goods unless the Customer shall have notified the Company and the Carrier within three days of delivery that such inspection was impossible and shall have confirmed such notification in writing received by the Company within seven days of delivery.

b) The Company gives no guarantee of the exact quantity of goods delivered and in the event that quantity of Goods delivered does not correspond with the quantity stated on the Order the Customer shall only be liable to pay for the quantity delivered in the case of short-delivery and for the contract price in the event of over-delivery (subject in the latter case to permitting the Company to collect the surplus goods) provided that in the case of short delivery the Company is given an opportunity to inspect Goods before any use is made thereof or any alteration or modification is made thereto and that in no event shall such short or over-delivery entitle the Customer to damages or give the Customer the right to rescind.

c) Claims for non delivery must be notified to the Company and the Carrier within twenty one days from date of invoice, failing which the Company shall be under no liability for non delivery.

d) Any surplus goods delivered shall remain the property of the Company and the Customer shall take all reasonable precautions for the safe custody and protection of such surplus goods until the time of their removal by the Company.

e) In the event of goods being wrongly delivered in no circumstances shall any of the Goods be returned to the Company without its prior written consent, otherwise liability is not accepted. Where the Company has made the error, full credit will be given on uplifted goods in good condition.

f) The Company is under no obligation to accept goods for return, e.g. in the case of Customer ordering error, surplus stock, etc., but where it agrees to do so in writing a 15% handling charge will apply. Goods held by the Customer for more than 3 months from delivery will not normally be accepted for return. Only complete units of sale may be returned and all goods are to be in good condition. Any goods returned in unsaleable condition will be paid for in full by the Customer. The Company will, in all cases, organise the collection of goods.

g) Refused Deliveries. The Company reserves the right to make a carriage charge plus 15% handling charge on all consignments tendered for delivery, which are refused without justification. All goods to be in good condition. Goods returned in an unsaleable condition will be paid for in full by the Customer. Goods should not be returned without the prior agreement of the Company.

## 15. Disputes And Set-Off

Any liability of the Company under the contract shall be subject to and conditional upon the due performance and observance by the Customer of all its obligations under these conditions and subject to these conditions the Customer shall not be entitled to withhold or delay payment or exercise any right or set-off whatsoever and howsoever arising or arisen which might otherwise be available to it.

## 16. Copyright

All copyrights shall remain the property of the Company alone unless otherwise expressly agreed in writing with the Customer.

## 17. Patent Rights

The Customer warrants that any instructions furnished or given by the Customer shall not be such as will cause the Company to infringe any letters patent or trade mark or other intellectual property right in execution of the Customer's order and shall indemnify the Company against all actions, processings, costs, claims and such demands arising therefrom to the extent that such instructions lead to such infringements.

## 18. Government Charges

The Customer will reimburse the Company for any increase in tax or Governmental charge, or for any new tax or Governmental charge hereafter becoming effective which the Company may be required to pay to any Government upon the sale, production, or transportation of the Goods and which has the effect of increasing the cost of the Goods sold hereunder.

## 19. Assignment

This contract is personal to the Customer and may only be assigned by it with the prior written consent of the Company.

## 20. Bankruptcy / Liquidation

If the Customer being an individual (or, when the customer is a firm, any partner in that firm) shall at any time become bankrupt, or having a receiving order made against them or shall make any composition or arrangement with or for the benefit of the creditors or, if the Customer being a company, an order for winding up is made or a resolution for winding up is passed or if a receiver or manager is appointed on behalf of a creditor or otherwise, the Company shall have the right to stop Goods in Transit, to suspend further deliveries and to determine any subsisting contract with the Customer and (in any case where title to the Goods has passed to the Customer but payment is due and has not been made) the Company shall have a lien over the Goods and right of resale provided that any such action shall be without prejudice to any right or claim the Company may have against the Customer.

## 21. Waiver

No neglect, delay or indulgence on the part of the Company in enforcing the terms and conditions of the contract shall prejudice the rights of the Company hereunder or be construed as a waiver thereof.

## 22. Terms Of Contract And Controlling Law

These conditions shall constitute the whole terms of any contract entered into between the Company and the Customer and shall be read and construed in accordance with the laws of England and all disputes arising in connection with the contract shall be submitted to the jurisdiction of the English courts.

## 23. Company Details

WSR Medical Solutions Ltd., 4-6 Knowsley Rd, Haslingden, Lancs. BB4 4RX. U.K.  
Tel: +44 (0) 1706 830086 - Fax: +44 (0) 1706 830324 - Email: sales@rothband.co.uk



### Certificate of Registration

**Organization:** WSR Medical Solutions Ltd  
**Address:** 4-6 Knowsley Road  
 Haslingden  
 Rossendale  
 BB4 4RX

BTTG certify that the quality management system of the above organization has been assessed and found to be compliant with the following standard:

**ISO 9001:2008**

Scope of registration

**The manufacture of X-ray protective clothing, shields and other related equipment. Stocking, servicing, and retail sale of medical goods by catalogue and on-line shopping.**

Original certification date: 07 January 1994

**Date of issue:** 25 March 2015      **Certificate No:** QM 1002  
**Expiry date\*:** 24 May 2016      **Issued by:** BTTG Certification Services

Certificate Authorised by P F Hamlyn, Certification Manager *P F Hamlyn*

\*Subject to continued compliance and audit

Note: The validity of this certificate can be confirmed by contacting the Issuing Office:  
 BTTG Testing & Certification Ltd, Unit 14, Wheel Forge Way, Trafford Park, Manchester M17 1EH, UK.




0246



Page 1 of 1

BTTG Testing & Certification Ltd, Registered Office: Unit 14, Wheel Forge Way, Trafford Park, Manchester M17 1EH, United Kingdom.  
 Registered in England No. 4699550. Tel: +44 (0)161 873 6543 Fax: +44 (0)161 848 7378 E-mail: info@bttg.co.uk




### EC Type-Examination Certificate

522073/1

**Date of issue:** 1 February 2016      **Expiry date:** 1 February 2021

This certificate cancels and replaces certificate no. 521896/1 dated 25 March 2015

This is to certify that BTTG Testing & Certification Ltd, specified as a "notified body" under the terms of the Personal Protective Equipment Regulations 2002, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the relevant provisions of EC Directive 89/686/EEC, or as amended, subject to any conditions in the schedule attached hereto.

**Manufacturer:** WSR Medical Solutions Ltd  
**Address:** 4-6 Knowsley Road  
 Haslingden  
 Rossendale  
 BB4 4RX

**Product Description:** X-Ray Protective Clothing

**Product Code:** SC, DS, DR, TH, PVW, PV, PZ, TOPC, TOPS, TOPW, KT, KTW, VW, BBK, SB, SS, SITCO, RMT, SLV, TPD, CF, MT, OP, CP, CPF, SH, CH, LB, GKL, GC, GT, GFL, DT, TPC, SALL, SDS, BNG, DC, TPB, TPV, HAT, HAT1

**Technical File reference:** T 01  
**Harmonised Standard(s):** EN ISO 13688:2013  
**Technical Specification:** EN 61331-1:2014

This certificate relates specifically to the PPE items described and depicted in the manufacturer's Technical File, copies of which are held by the manufacturer and BTTG, and not to any other items.

The attached schedule of approval forms part of this certificate. This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Certificate Authorised by: *Q Brown* Q Brown  
 Certification Officer  
 and: *C A Butcher* C A Butcher  
 Senior Certification Officer

Notified Body for PPE  
 Testing & Certification  
 I.D. No. 0338



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3200 EC16 v10 17/07/2015      Page 1 of 4

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Bin	131	Patient Transfer		<b>Q</b>	Scoliosis Shawl	47	TOR Test Tools	101-102	<b>X</b>	
Couches and Chairs	131	Padded Transfer Mat	56	Quality assurance	Screen Printing	28	Top and Kilts	25-26	X-Ray Aprons	17-26
Drawers	130	Glider	56	Beam Alignment	Shield All	51	Transfer Aids	56-57		
Drip Stand	130	Belts	57	Breast Compression	Sidewinder Shields	46	Trolleys	126		
Fire Extinguisher	130	Positioning Aids		Collimator Assessment	Single sided aprons	21-22				
Glasses	131	Foam Pads	74-79	Multi Function Meters	Sleeves	31	<b>U</b>			
Instrument Trolley	130	Sandbags	80-81	TOR Test Objects	Sliderers	67	Ultrasound Biopsy	104		
Linen Holder	130	Restraint Straps	54	Mammography	Slider	65	Ultrasound Phantom	104, 118		
Safety Signs	131	Face shields	55	Mammo Test Obj	Standing Feet Products	59	Ultrasound Gel	132		
Stool	131			Mammo Test Obj XL	Steps	58	Under Table Screens	45		
Trolley	126			Stepwedge	Stepwedge	101				
Wheelchair	128-129			Aluminium	Stools	93, 94, 131				
				Mammography	Storage		<b>V</b>			
<b>O</b>					Aprons	38-39	Variable Height Screen	42		
Octopstop Filters	72-73				Catheters	99	Variweight Aprons	21		
Open Palm Mittens	30			<b>R</b>	Surgical Drape Supports	55	Vinyl Sheeting	32		
Ovary Shields	49			Repairs						
				Restraint Straps						
<b>P</b>				Ruler						
Paediatric Positioning Aids	81				<b>T</b>		<b>W</b>			
Patient Protection	47-49				T-Shaped Gonad Shield	49	Ward Screen	132		
					Tabard Aprons	17-20	Warning Signs	84		
				<b>S</b>	Table Screens	45	Weight adjuster Belt	27		
				Saddle Seat	Theatre Aprons	18	Wrap Around MK I	23		
				Sandbags	Thyroid Collars	29	Wrap Around MK II	24		
				Scaling Device	Thyroid CT Protection	52				
				Scatter Cap	Tilt Table	86				
				Scatter Cap Light						



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