



X-Ray Protective Clothing & Accessories – Portfolio 2017/1 PPE

Valid July 1st, 2017

Material Informationen

From now on all aprons, costumes, and coats for medical personnel, as well as the thyroid protector (RA) are available with our new hybrid material.

MAVIG's Radiation Protective Material for X-Ray Protective Clothing (User/Patient)

At MAVIG, two different protective materials are used to attenuate X-ray radiation:

Standard Lead Radiation Protective Material

With our standard lead material on a natural rubber base, we have maintained our leading position as a manufacturer of X-ray protective clothing for years. This high quality and flexible material offers you protection against radiation in accordance with IEC 61331-1:2014 / DIN EN 61331-1:2016 over the entire X-ray tube voltage range from 50 - 150 kV. Therefore, it is suitable e.g. for CT applications.

NovaLite® Radiation Protective Material

This first-class radiation protective material achieves outstanding results in terms of weight orientation and radiation protection properties. The NovaLite generation ensures that basic requirements of occupational physiology are met, especially in workplaces where the X-ray protective clothing has to be worn for long periods of time.

And of course, here too: Radiation protection tested in accordance with IEC 61331-1:2014 / DIN EN 61331-1:2016 in the X-ray tube voltage range of 50 - 110 kV.

ComforTex® HPMF Hybrid – A Reliable Outer Material With an Optimised Coating

In clinics hygienic demands are constantly growing. This means the requirements for X-ray protective clothing are also increasing, especially with regard to their resistance to chemicals.

With our ComforTex HPMF Hybrid, we combine maximum comfort for the wearer with optimum hygiene and cleaning properties.

The hybrid version of our ComforTex HPMF for X-ray protective clothing was developed in order to best meet your daily working needs. In order to maintain our exceptional level of wearer comfort, the side facing your body is still manufactured with ComforTex HPMF. At the same time, thanks to the new special coating of the hybrid material, the exterior surface has clearly improved hygiene and cleaning properties. For this reason, our hybrid material is particularly suitable in areas with high fluid volumes.

It goes without saying that „ComforTex HPMF Hybrid“, like a high-performance surgical textile, also fulfils the relevant requirements in accordance with DIN EN 13795:2013. This series of standards regulates important and sensible safety requirements for the quality of surgical textiles that is necessary in order to protect patients and staff from infections.

Just like our basic material ComforTex HPMF, the innovative ComforTex HPMF Hybrid offers safety and protection against electrostatic charges which can affect the proper function of sensitive medical devices.

Protection of Staff and Patients From Health Risks

The special properties of both of our materials provide a high degree of barrier protection, which prevents the penetration of infectious pathogens and their carrier media such as liquids and solid particles.

The development of MAVIG's innovative textiles has led to the following list of basic performance requirements:

- **High Barrier Function**
- **Absolute Cleanliness**
- **Low Particle Release**
- **Material Strength**



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RA

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Quality „Made in Germany“ Since 1921



For over 90 years, MAVIG has been a specialist for personal protection in high risk work environments

What started in 1921 in Leipzig with protective aprons for welders and medical personnel has become a world leader in X-ray protection and medical suspension systems for hospitals and clinics.

In subsequent decades, the brand MAVIG established itself as a global player in the field of radiation protective clothing and equipment. After the war, the company's headquarters and manufacturing facilities were moved to Munich.

Even back then, the family-owned company has been striving to create a model of today's corporate philosophy: The customer is the focal point and their satisfaction is top priority.

In 1999, the brand „MAVIG“ and the company name become one.

Since 2006 MAVIG has been developing and distributing the world's first applicable confocal laser scanning microscope – VivaScope®. The first system allowing optical biopsies in real time.

Today MAVIG is still a fully independent and family-owned company.



History

Responsibility

Material

1921 – The later MAVIG GmbH was started in Leipzig under the name F. Walter Hänel GmbH, soon specializing in radiation and welder protection under the brand „MAVIG“.

All MAVIG products are tested over a complete life cycle and are only released after certification.

For MAVIG long-term partnerships based on trust and cooperation with our suppliers and customers worldwide play an important role. Such relationships guarantee a high degree of quality control through the whole supply chain.

Extensive material research and testing ensure a healthy environment for the user, and best ecological and toxicological safety.

We trust in a careful selection of materials, high quality standards, strict control of processes, and training of our employees.

From Munich to the World



Today, with Offices in: Rochester • Paris • The Hague • Munich (Headquarters) • Stockholm • Beirut • Beijing



- RA
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MAVIG is certified according to EN ISO 13485:2012. MAVIG products are certified in accordance with the applicable CE standards: EU Directive 89/686/EEC (Personal Protective Equipment) and/or 93/42/EEC for medical products. Most MAVIG products are UL-listed. Numerous additional international certificates are available.

Research and Development



Our company does not just see itself as a leader in quality and innovation in X-ray protection and systems solutions, but also in confocal laser scanning microscopy.

The MAVIG product range is known for being innovative, of high quality, and thoroughly tested. Our ambition and motivation lies in the research and development of future, market orientated products.

Quality Management and Certification



Our product applications require the highest reliability and quality. To ensure such quality and to optimally use our potential for improvement, MAVIG's quality management system is in accordance to EN ISO 13485:2012 for medical devices.

It is our first priority to offer our customers high quality products free of defects and in a timely manner. In addition, MAVIG strives for an efficient and fair relationship with our suppliers as they are instrumental for the quality of our products.

MAVIG products are designed, manufactured, and sold under strict compliance with all laws, regulations, and standards.

Every product is tested for safety and reliability under higher and more stringent requirements than generally specified by law. This helped to build the reputation for quality and customer orientation, which MAVIG enjoys worldwide.

MAVIG offers a Complete Product Portfolio



MAVIG: One Source

MAVIG's product portfolio is focused on personal and on-site x-ray protection, as well as suspension systems for medical equipment.

This combination allows us to offer solutions optimized to the needs of the application.

Because of this, you will encounter MAVIG products in hospitals and medical facilities all over the world.

The industry's major fluoroscopic systems are equipped with our proven, large suspension systems for monitors and the modular Portegra2 suspension system for devices like ceiling-suspended shields, which dramatically reduce radiation exposure for the user.

Mobile radiation protection barriers, as well as adaptable table-mounted shields for lower body protection further enhance the safety of your work environment.

Expertise and competence in fundamental research, product development, and manufacturing are all found at MAVIG.

That means you can trust our certified products, tested for safety and reliability, with the seal "Made in Germany".

for X-Ray Protection and Medical Suspension Systems



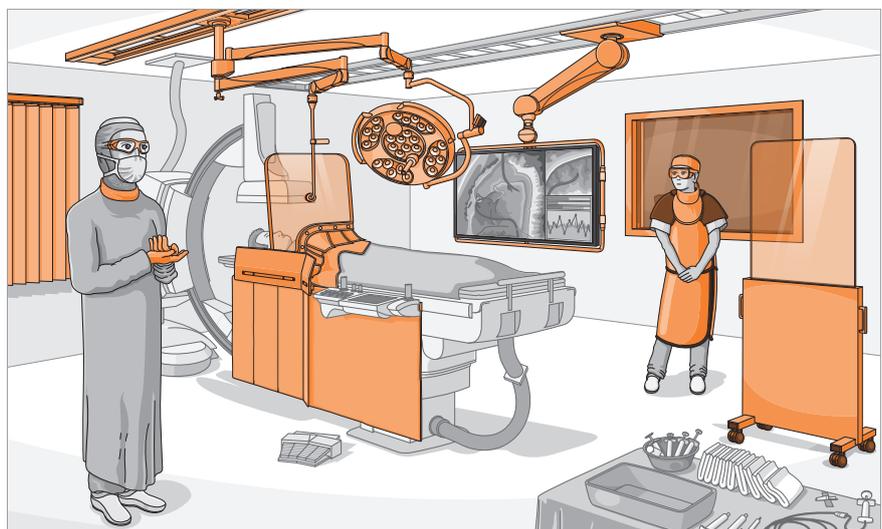
- RA
- HS
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– For a Complete Solution.

The cardiac cath lab is one good example of application-specific MAVIG protective products and medical suspension systems that combine for an optimized and synergetic effect.

All orange coloured products are from MAVIG:

- X-ray protective clothing, glasses, and gloves
- Table-mounted shields
- Ceiling-suspended shields
- Monitor suspension systems
- Mobile, X-ray protective shields
- Modular suspension systems and ceiling tracks



Vest & Skirt for Allround Protection

BALANCE RA631



Ideal radiation protection with lateral safety zones



Optimally protected all around! The patented Balance RA631 series with its great weight distribution and cut sees you through a safe and comfortable day.

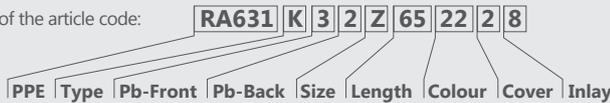
Yet another plus: Shoulder padding is included.

Size choice: Since the model RA631 consists of two pieces, the following applies:
For the vest, the larger value of the chest and waist girth determines the size.
For the skirt, the larger value of the waist and hip girth determines the size.

Hint: Every BALANCE RA631 skirt comes with a stretch insert. For replacement orders please refer to page 30.

Order Details / Information

Example for the formation of the article code:



The listed article codes are standard configurations. If you choose different options, simply change the code at the respective position.

Type	Code	Size, recommended for:	Code	Colours	Code	Outer Material/Cover	Code
Costume <i>Consisting of vest and skirt</i>	▶ K	XS Breast girth ≤ 84 cm Waist girth ≤ 86 cm Hip girth ≤ 86 cm	▶ Z	Curacao	▶ 22	ComforTex HPMF Hybrid (standard)	▶ 2
Vest <i>Single</i>	▶ W	S Breast girth ca. 85 - 95 cm Waist girth ca. 87 - 97 cm Hip girth ca. 87 - 97 cm	▶ S	Indian Summer	▶ 23		
Skirt <i>Single</i>	▶ R	M Breast girth ca. 96 - 106 cm Taillenumfang ca. 98 - 107 cm Hip girth ca. 98 - 107 cm	▶ M	Limette	▶ 24	<i>Optionally still available</i>	▶ 1
Lead Equivalent	▶ Code	L Breast girth ca. 107 - 117 cm Waist girth ca. 108 - 118 cm Hip girth ca. 108 - 118 cm	▶ L	Lagoon	▶ 25	ComforTex HPMF	
Front options:		XL Breast girth ca. 118 - 128 cm Waist girth ca. 119 - 129 cm Hip girth ca. 119 - 129 cm	▶ X	Ocean	▶ 26		
Pb 0.25 mm	▶ 2	XXL Breast girth ca. 129 - 139 cm Waist girth ca. 130 - 140 cm Hip girth ca. 130 - 140 cm	▶ D	Orchidee	▶ 27	Inner X-Ray Protective Material/Inlay, for lead equivalents of:	
Pb 0.35 mm	▶ 3	Special Size, see Special Order		Regatta	▶ 28	NovaLite Pb 0.25 mm and Pb 0.50 mm	▶ 1
Pb 0.50 mm	▶ 5	3XL Breast girth ca. 140 - 150 cm Waist girth ca. 141 - 151 cm Hip girth ca. 141 - 151 cm	▶ T			NovaLite Pb 0.35 mm	▶ 8
(Complete overlapping front parts achieve the chosen Pb value.)						Standard Lead Pb 0.25 mm, Pb 0.35 mm, and Pb 0.50 mm	▶ 2
Back standard:				Optional/Additions			
Pb 0.25 mm	▶ 2			Sleeves matching costume / vest (see page 29)			
				Breast pocket without embroidery			
				Breast pocket with embroidery (single line text)			
				Permanent embroidery (single line text; on vest or skirt)			
				Removable embroidery (single line text; on vest or skirt)			
				Surcharge for each additional line of embroidery			
				Spare part • Stretch insert (adapted via zipper)			
				Customization • Individual (according to personal measurements)			
				Special order • Special size 3XL			
				• Special skirt length 80 cm			
				Skirt Lengths, recommended height:			
				65 cm for ca. 150 - 170 cm ▶ 65			
				70 cm for ca. 170 - 180 cm ▶ 70			
				75 cm for ca. 180 - 190 cm ▶ 75			
				Special Length, see Special Order			
				80 cm for ca. 190 - 200 cm ▶ 80			

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RA

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Coat for Allround Protection

SYNERGY RA632



Ideal radiation protection with lateral safety zones



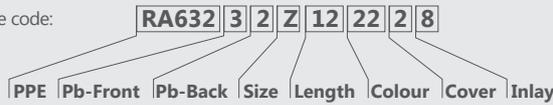
Optimally protected all around! This model is for the person that wants an apron that is fast and easy to put on and take off. It is simply closed with hook & burr fasteners at chest height and fits properly without any additional work. The coat also includes shoulder padding. Additionally an elastic belt shifts the weight from the shoulders to the hips.

Size choice: The size depends on the girth of the chest, waist, or hip, depending on which of the three measurements is the largest.

Hint: Every Synergy RA632 coat comes with a stretch belt. For replacement orders please refer to page 30.

Order Details / Information

Example for the formation of the article code:



The listed article codes are standard configurations. If you choose different options, simply change the code at the respective position.

Lead Equivalent	► Code	Size, recommended for:	► Code	Colours	► Code	Outer Material/Cover	► Code
Front options:		XS Breast girth ≤ 84 cm Waist girth ≤ 98 cm Hip girth ≤ 98 cm	► Z	Curacao	► 22	ComforTex HPMF Hybrid (standard)	► 2
Pb 0.35 mm	► 3	S Breast girth ca. 85 - 95 cm Waist girth ca. 99 - 108 cm Hüftumfang ca. 99 - 108 cm	► S	Indian Summer	► 23		
Pb 0.50 mm	► 5	M Breast girth ca. 96 - 106 cm Waist girth ca. 109 - 119 cm Hip girth ca. 109 - 119 cm	► M	Limette	► 24	Optionally still available	
(Complete overlapping front parts achieve the chosen Pb value.)		L Breast girth ca. 107 - 117 cm Waist girth ca. 120 - 130 cm Hip girth ca. 120 - 130 cm	► L	Lagoon	► 25	ComforTex HPMF	► 1
Back standard:		XL Breast girth ca. 118 - 128 cm Waist girth ca. 131 - 141 cm Hip girth ca. 131 - 141 cm	► X	Ocean	► 26		
Pb 0.25 mm	► 2	XXL Breast girth ca. 129 - 139 cm Waist girth ca. 142 - 152 cm Hip girth ca. 142 - 152 cm	► D	Orchidee	► 27		
		Special Size, see Special Order		Regatta	► 28		
		3XL Breast girth ca. 140 - 150 cm Waist girth ca. 153 - 163 cm Hip girth ca. 153 - 163 cm	► T				
		Lengths, recommended height:	► Code	Inner X-Ray Protective Material/Inlay, for lead equivalents of:			
		100 cm for ca. 160 - 170 cm	► 10	NovaLite	Pb 0.25 mm and Pb 0.50 mm		► 1
		110 cm for ca. 170 - 180 cm	► 11	NovaLite	Pb 0.35 mm		► 8
		120 cm for ca. 175 - 190 cm	► 12				
		130 cm for ca. 185 - 195 cm	► 13				
		Special Lengths, see Special Order		Optional/Additions			
		90 cm for ca. 150 - 160 cm	► 90	Sleeves matching the coat (see page 29)			
		140 cm for ca. 195 - 205 cm	► 14	Breast pocket without embroidery			
				Breast pocket with embroidery (single line text)			
				Permanent embroidery (single line text; on left shoulder)			
				Removable embroidery (single line text; on left shoulder)			
				Surcharge for each additional line of embroidery			
				Spare part	• Stretch belt (adapted via snap fastener)		
				Customization	• Individual (according to personal measurements)		
				Special order	• Special size 3XL		
					• Special length 90 cm		
					• Special length 140 cm		

Front Protection Apron

BASIC RA640



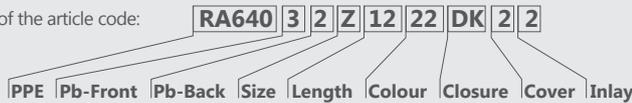
The classic Basic RA640 model has proven itself over many years and is normally worn as front protection for short, occasional periods during conventional X-ray without fluoroscopy.

Size choice: The size depends on the girth of the chest, waist, or hip, depending on which of the three measurements is the largest.

Hints: *Shoulder padding is now included.*
For replacement orders of the crossbands please refer to page 30.

Order Details / Information

Example for the formation of the article code:



The listed article codes are standard configurations. If you choose different options, simply change the code at the respective position.

Lead Equivalent	Code	Size, recommended for:	Code	Colours	Code	Outer Material/Cover	Code
Front options:		XS Breast girth ≤ 84 cm Waist girth ≤ 91 cm Hip girth ≤ 91 cm	Z	Curacao	22	ComforTex HPMF Hybrid (standard)	2
Pb 0.25 mm	2	S Breast girth ca. 85 - 95 cm Waist girth ca. 92 - 102 cm Hip girth ca. 92 - 102 cm	S	Indian Summer	23		
Pb 0.35 mm	3	M Breast girth ca. 96 - 106 cm Waist girth ca. 103 - 112 cm Hip girth ca. 103 - 112 cm	M	Limette	24	Optionally still available	
Back options:		L Breast girth ca. 107 - 117 cm Waist girth ca. 113 - 123 cm Hip girth ca. 113 - 123 cm	L	Lagoon	25	ComforTex HPMF	1
Pb 0.50 mm	5	XL Breast girth ca. 118 - 128 cm Waist girth ca. 124 - 134 cm Hip girth ca. 124 - 134 cm	X	Ocean	26		
Pb 0.25 mm (standard)	2	XXL Breast girth ca. 129 - 139 cm Waist girth ca. 135 - 145 cm Hip girth ca. 135 - 145 cm	D	Orchidee	27		
Without protection (optional)	0	3XL Breast girth ca. 140 - 150 cm Waist girth ca. 146 - 156 cm Hip girth ca. 146 - 156 cm	T	Regatta	28		
Type of Closure		Special Size, see Special Order		Inner X-Ray Protective Material/Inlay, for lead equivalents of:			
Options:				Standard Lead Pb 0.25 mm, Pb 0.35 mm, and Pb 0.50 mm			
Snap Fasteners (standard)	DK			Code			
Alternatives without surcharge:				Optional/Additions			
Crossbands (optional)	KB			Sleeves matching the apron (see page 29)			
Straps & Snap Buckle (optional)	GB			Breast pocket without embroidery			
Snap Buckles (optional)	SV			Breast pocket with embroidery (single line text)			
				Permanent embroidery (single line text; on left shoulder)			
				Removable embroidery (single line text; on left shoulder)			
				Surcharge for each additional line of embroidery			
				Spare part • Crossbands (adapted via snap fasteners)			
				Customization • Individual (according to personal measurements)			
				Special order • Special size 3XL			
				• Special length 90 cm			
				• Special length 140 cm			
Lengths, recommended height:		Code					
100 cm for ca. 160 - 170 cm		10					
110 cm for ca. 170 - 180 cm		11					
120 cm for ca. 175 - 190 cm		12					
130 cm for ca. 185 - 195 cm		13					
Special Lengths, see Special Order							
90 cm for ca. 150 - 160 cm		90					
140 cm for ca. 195 - 205 cm		14					



Urology Apron

RA641



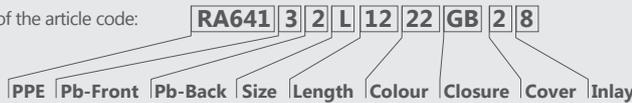
Up-to-date user protection for urology. Specifically, this means that using a urology apron as a functional one-piece unit in compliance with current practice naturally provides ideal radiation protection in any working position – sitting or standing. The apron also includes shoulder padding.

Size choice: The size depends on the girth of the chest, waist, or hip, depending on which of the three measurements is the largest.

Hint: For replacement orders of the hook & burr stretch belt as well as the gonad protection please refer to page 30.

Order Details / Information

Example for the formation of the article code:



The listed article codes are standard configurations. If you choose different options, simply change the code at the respective position.

Lead Equivalent	Code	Size, recommended for:	Code	Colours	Code	Outer Material/Cover	Code
Front options:		XS Breast girth ≤ 84 cm Waist girth ≤ 91 cm Hip girth ≤ 91 cm	Z	Curacao	22	ComforTex HPMF Hybrid (standard)	2
Pb 0.25 mm	2			Indian Summer	23		
Pb 0.35 mm	3			Limette	24		
Pb 0.50 mm	5	S Breast girth ca. 85 - 95 cm Waist girth ca. 92 - 102 cm Hip girth ca. 92 - 102 cm	S	Lagoon	25		
Back options:		M Breast girth ca. 96 - 106 cm Waist girth ca. 103 - 112 cm Hip girth ca. 103 - 112 cm	M	Ocean	26		
Pb 0.25 mm (standard)	2			Orchidee	27		
Without protection (optional)	0			Regatta	28		
Inner X-Ray Protective Material/Inlay, for lead equivalents of:							
				NovaLite	Pb 0.25 mm and Pb 0.50 mm		1
				NovaLite	Pb 0.35 mm		8
				Standard Lead	Pb 0.25 mm, Pb 0.35 mm, and Pb 0.50 mm		2
Optional/Additions							
Sleeves matching the apron (see page 29)							
Breast pocket without embroidery							
Breast pocket with embroidery (single line text)							
Permanent embroidery (single line text; on left shoulder)							
Removable embroidery (single line text; on left shoulder)							
Surcharge for each additional line of embroidery							
Spare parts		<ul style="list-style-type: none"> • Hook & burr of stretch belt (adapted via zipper) • Gonad protection (adapted via hook & burr) 					
Customization		<ul style="list-style-type: none"> • Individual (according to personal measurements) 					
Special order		<ul style="list-style-type: none"> • Special size 3XL • Special length 90 cm 					
Type of Closure							
Options:							
Straps & Snap Buckle (standard)		GB					
Alternative without surcharge:							
Snap Buckles (optional)		SV					
		Special Size, see Special Order					
		3XL Breast girth ca. 140 - 150 cm Waist girth ca. 146 - 156 cm Hüftumfang ca. 146 - 156 cm		T			
		Lengths, recommended height:		Code			
		100 cm for ca. 160 - 170 cm		10			
		110 cm for ca. 170 - 180 cm		11			
		120 cm for ca. 175 - 190 cm		12			
		130 cm for ca. 185 - 195 cm		13			
		140 cm for ca. 195 - 205 cm		14			
		Special Length, see Special Order					
		90 cm for ca. 150 - 160 cm		90			

Front Protection Apron

ERGONOMIC RA650



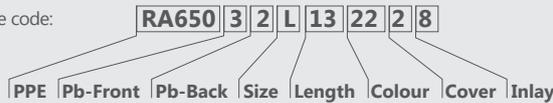
Front protection in the simplest form. This apron provides protection for the entire front. To reduce the weight of the apron, „without protection“ can be optionally chosen in the back area. Comfortable, wide crossover belts allow the apron to be slid off easily under the surgical gown by simply opening the hook & bur fasteners.

Size choice: The size depends on the girth of the chest, waist, or hip, depending on which of the three measurements is the largest.

Hints: *Shoulder padding is now included.*
For replacement orders of the fleece of hook & bur closure please refer to page 30.

Order Details / Information

Example for the formation of the article code:



The listed article codes are standard configurations. If you choose different options, simply change the code at the respective position.

Lead Equivalent	Code	Size, recommended for:	Code	Colours	Code	Outer Material/Cover	Code
Front options:		XS Breast girth ≤ 84 cm Waist girth ≤ 91 cm Hip girth ≤ 91 cm	Z	Curacao	22	ComforTex HPMF Hybrid (standard)	2
Pb 0.25 mm	2	S Breast girth ca. 85 - 95 cm Waist girth ca. 92 - 102 cm Hip girth ca. 92 - 102 cm	S	Indian Summer	23		
Pb 0.35 mm	3	M Breast girth ca. 96 - 106 cm Waist girth ca. 103 - 112 cm Hip girth ca. 103 - 112 cm	M	Limette	24	Optionally still available	
Back options:		L Breast girth ca. 107 - 117 cm Waist girth ca. 113 - 123 cm Hip girth ca. 113 - 123 cm	L	Lagoon	25	ComforTex HPMF	1
Pb 0.50 mm	5	XL Breast girth ca. 118 - 128 cm Waist girth ca. 124 - 134 cm Hip girth ca. 124 - 134 cm	X	Ocean	26		
Pb 0.25 mm (standard)	2	XXL Breast girth ca. 129 - 139 cm Waist girth ca. 135 - 145 cm Hip girth ca. 135 - 145 cm	D	Orchidee	27		
Without protection (optional)	0	Special Size, see Special Order		Regatta	28		
		3XL Breast girth ca. 140 - 150 cm Waist girth ca. 146 - 156 cm Hip girth ca. 146 - 156 cm	T				
		Lengths, recommended height:	Code	Inner X-Ray Protective Material/Inlay, for lead equivalents of:			
		100 cm for ca. 160 - 170 cm	10	NovaLite Pb 0.25 mm and Pb 0.50 mm			1
		110 cm for ca. 170 - 180 cm	11	NovaLite Pb 0.35 mm			8
		120 cm for ca. 175 - 190 cm	12	Standard Lead Pb 0.25 mm, Pb 0.35 mm, and Pb 0.50 mm			2
		130 cm for ca. 185 - 195 cm	13	Optional/Additions			
		Special Lengths, see Special Order		Breast pocket without embroidery			
		90 cm for ca. 150 - 160 cm	90	Breast pocket with embroidery (single line text)			
		140 cm for ca. 195 - 205 cm	14	Permanent embroidery (single line text; on left shoulder)			
				Removable embroidery (single line text; on left shoulder)			
				Surcharge for each additional line of embroidery			
				Spare part	• Fleece of hook & burr closure (adapted via zipper)		
				Customization	• Individual (according to personal measurements)		
				Special order	• Special size 3XL		
					• Special length 90 cm		
					• Special length 140 cm		

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RA

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Front Protection Apron

COMFORT **RA660**



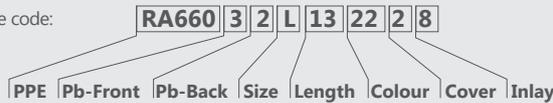
Easy to put on and take off, ergonomic shape, good fit, and shoulder comfort has made this model the favourite apron for front protection among our customers.

Size choice: The size depends on the girth of the chest, waist, or hip, depending on which of the three measurements is the largest.

Hints: *Shoulder padding is now included.*
For replacement orders of the elastic bands with fleece please refer to page 30.

Order Details / Information

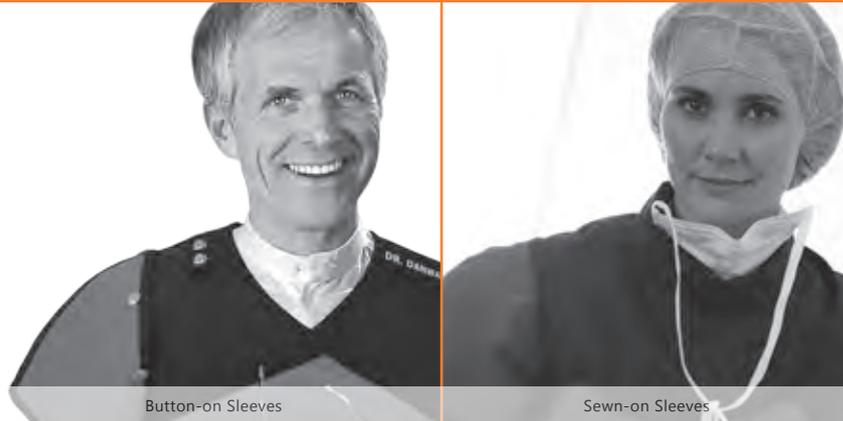
Example for the formation of the article code:



The listed article codes are standard configurations. If you choose different options, simply change the code at the respective position.

Lead Equivalent	► Code	Size, recommended for:	► Code	Colours	► Code	Outer Material/Cover	► Code
Front options:		XS Breast girth ≤ 84 cm Waist girth ≤ 91 cm Hip girth ≤ 91 cm	► Z	Curacao	► 22	ComforTex HPMF Hybrid (standard)	► 2
Pb 0.25 mm	► 2	S Breast girth ca. 85 - 95 cm Waist girth ca. 92 - 102 cm Hip girth ca. 92 - 102 cm	► S	Indian Summer	► 23		
Pb 0.35 mm	► 3			M Breast girth ca. 96 - 106 cm Waist girth ca. 103 - 112 cm Hip girth ca. 103 - 112 cm	► M	Limette	► 24
Pb 0.50 mm	► 5	L Breast girth ca. 107 - 117 cm Waist girth ca. 113 - 123 cm Hip girth ca. 113 - 123 cm	► L			Lagoon	► 25
Back options:				XL Breast girth ca. 118 - 128 cm Waist girth ca. 124 - 134 cm Hip girth ca. 124 - 134 cm	► X	Ocean	► 26
Pb 0.25 mm (standard)	► 2	XXL Breast girth ca. 129 - 139 cm Waist girth ca. 135 - 145 cm Hip girth ca. 135 - 145 cm	► D			Orchidee	► 27
Without protection (optional)	► 0			Special Size, see Special Order	► T	Regatta	► 28
						Inner X-Ray Protective Material/Inlay, for lead equivalents of:	
				NovaLite	Pb 0.25 mm and Pb 0.50 mm	► 1	
				NovaLite	Pb 0.35 mm	► 8	
				Standard Lead	Pb 0.25 mm, Pb 0.35 mm, and Pb 0.50 mm	► 2	
Optional/Additions							
Sleeves matching the apron (see page 29)							
Breast pocket without embroidery							
Breast pocket with embroidery (single line text)							
Permanent embroidery (single line text; on left shoulder)							
Removable embroidery (single line text; on left shoulder)							
Surcharge for each additional line of embroidery							
Spare part				• Elastic bands with fleece (adapted via zipper)			
Customization				• Individual (according to personal measurements)			
Special order				• Special size 3XL			
				• Special length 90 cm			
				• Special length 140 cm			
Lengths, recommended height:				► Code			
100 cm	for ca. 160 - 170 cm	► 10					
110 cm	for ca. 170 - 180 cm	► 11					
120 cm	for ca. 175 - 190 cm	► 12					
130 cm	for ca. 185 - 195 cm	► 13					
Special Lengths, see Special Order							
90 cm	for ca. 150 - 160 cm	► 90					
140 cm	for ca. 195 - 205 cm	► 14					

Sleeves



All models, except RA650, can be optionally ordered with sleeves to extend protection.

Aprons with sleeves reduce radiation exposure occurring on the side, especially to an exposed shoulder joint.

Fastening Types / Position:

MAVIG offers sleeves, which are either permanently sewn on or attached with snap fasteners. You can select just the right or left sleeve, or a pair.

Size / Colour:

Colour, size, and X-ray protective material of the sleeves are matched to the apron ordered.

- RA
- HS
- DR
- RP
- RD
- AW
- AZ

Order Details / Information

Example for the formation of the article code:



The listed article codes are standard configurations. If you choose different options, simply change the code at the respective position.

Sleeve, for:	Code	Size, according to:	Code	Colours	Code	Outer Material/Cover	Code
Allround Protection (RA631 and RA632)	RASLR	XS X-ray protective clothing	Z	Curacao	22	ComforTex HPMF Hybrid (standard)	2
Front Protection (RA640, RA641, and RA660)	RASLF	S X-ray protective clothing	S	Indian Summer	23	Optionally still available	
		M X-ray protective clothing	M	Limette	24	ComforTex HPMF	1
		L X-ray protective clothing	L	Lagoon	25		
		XL X-ray protective clothing	X	Ocean	26		
		XXL X-ray protective clothing	D	Orchidee	27		
				Regatta	28		
Lead Equivalent	Code	Special Size, according to:	Code	Inner X-Ray Protective Material/Inlay, for lead equivalents of:			
Standard:		3XL X-ray protective clothing	T	NovaLite	Pb 0.25 mm		1
Pb 0.25 mm	2			Standard Lead	Pb 0.25 mm		2
Only on request:		IMPORTANT!					
Pb 0.35 mm	3	When ordering please name a reference (article number and order position) to your corresponding X-ray clothing.					
Pb 0.50 mm	5						
<i>(To ensure good mobility during the daily work routine, MAVIG recommends the standard lead equivalent of Pb 0.25 mm.)</i>							
				Position	Code	Fastening Type	Code
				Right	R	Sewn-on	G
				Left	L	Button-on	K
				Pair	B		

	Sleeve for	Pb-Value	Outer Material	Inlay Material	Position	Fastening	Article Code
NovaLite	Allround Protection	0.25 mm	ComforTex HPMF Hybrid	NovaLite	Right	Sewn-on	RASLR2 + Size + Colour Code +21RG
	Allround Protection	0.25 mm	ComforTex HPMF Hybrid	NovaLite	Left	Sewn-on	RASLR2 + Size + Colour Code +21LG
	Allround Protection	0.25 mm	ComforTex HPMF Hybrid	NovaLite	Pair	Sewn-on	RASLR2 + Size + Colour Code +21BG
	Allround Protection	0.25 mm	ComforTex HPMF Hybrid	NovaLite	Right	Button-on	RASLR2 + Size + Colour Code +21RK
	Allround Protection	0.25 mm	ComforTex HPMF Hybrid	NovaLite	Left	Button-on	RASLR2 + Size + Colour Code +21LK
	Allround Protection	0.25 mm	ComforTex HPMF Hybrid	NovaLite	Pair	Button-on	RASLR2 + Size + Colour Code +21BK
	Front Protection	0.25 mm	ComforTex HPMF Hybrid	NovaLite	Right	Sewn-on	RASLF2 + Size + Colour Code +21RG
	Front Protection	0.25 mm	ComforTex HPMF Hybrid	NovaLite	Left	Sewn-on	RASLF2 + Size + Colour Code +21LG
	Front Protection	0.25 mm	ComforTex HPMF Hybrid	NovaLite	Pair	Sewn-on	RASLF2 + Size + Colour Code +21BG
Standard Lead	Front Protection	0.25 mm	ComforTex HPMF Hybrid	NovaLite	Right	Button-on	RASLF2 + Size + Colour Code +21RK
	Front Protection	0.25 mm	ComforTex HPMF Hybrid	NovaLite	Left	Button-on	RASLF2 + Size + Colour Code +21LK
	Front Protection	0.25 mm	ComforTex HPMF Hybrid	NovaLite	Pair	Button-on	RASLF2 + Size + Colour Code +21BK
	Allround Protection	0.25 mm	ComforTex HPMF Hybrid	Standard Lead	Right	Sewn-on	RASLR2 + Size + Colour Code +22RG
	Allround Protection	0.25 mm	ComforTex HPMF Hybrid	Standard Lead	Left	Sewn-on	RASLR2 + Size + Colour Code +22LG
	Allround Protection	0.25 mm	ComforTex HPMF Hybrid	Standard Lead	Pair	Sewn-on	RASLR2 + Size + Colour Code +22BG
	Allround Protection	0.25 mm	ComforTex HPMF Hybrid	Standard Lead	Right	Button-on	RASLR2 + Size + Colour Code +22RK
	Allround Protection	0.25 mm	ComforTex HPMF Hybrid	Standard Lead	Left	Button-on	RASLR2 + Size + Colour Code +22LK
	Allround Protection	0.25 mm	ComforTex HPMF Hybrid	Standard Lead	Pair	Button-on	RASLR2 + Size + Colour Code +22BK
	Front Protection	0.25 mm	ComforTex HPMF Hybrid	Standard Lead	Right	Sewn-on	RASLF2 + Size + Colour Code +22RG
	Front Protection	0.25 mm	ComforTex HPMF Hybrid	Standard Lead	Left	Sewn-on	RASLF2 + Size + Colour Code +22LG
	Front Protection	0.25 mm	ComforTex HPMF Hybrid	Standard Lead	Pair	Sewn-on	RASLF2 + Size + Colour Code +22BG
Front Protection	0.25 mm	ComforTex HPMF Hybrid	Standard Lead	Right	Button-on	RASLF2 + Size + Colour Code +22RK	
Front Protection	0.25 mm	ComforTex HPMF Hybrid	Standard Lead	Left	Button-on	RASLF2 + Size + Colour Code +22LK	
Front Protection	0.25 mm	ComforTex HPMF Hybrid	Standard Lead	Pair	Button-on	RASLF2 + Size + Colour Code +22BK	

SPARE PARTS, THYROID AND STERNUM SHIELD, X-RAY PROTECTIVE HEADWEAR

Spare Parts for X-Ray Protective Clothing

	For Model	Description Spare Part	Article Code	Price/€
Spare Parts	RA631	Stretch insert (<i>adapted via zipper</i>)	RA631RE- + Size (Z - T)	38.00
	RA632	Stretch belt (<i>adapted via snap fasteners</i>)	RA632SG1- + Size (Z - T)	54.00
	RA640	Crossbands (<i>adapted via snap fasteners</i>)	RA640V	40.00
	RA641	Hook & burr of stretch belt (<i>adapted via zipper</i>)	RA641V2- + Size (Z - T)	55.00
	RA641	Gonad protection (<i>PPE length 90 cm, adapted via hook & burr</i>)	RA641G2-I	60.00
	RA641	Gonad protection (<i>PPE length 100 - 140 cm, adapted via hook & burr</i>)	RA641G2-II	60.00
	RA650	Fleece of hook & burr closure (<i>ComforTex HPMF, adapted via zipper</i>)	RA650V1	55.00
	RA650	Fleece of hook & burr closure (<i>Comfortex HPMF Hybrid, adapted via zipper</i>)	RA650V2	55.00
	RA660	Elastic bands with fleece (<i>ComforTex HPMF, adapted via zipper</i>)	RA660V1- + Size (Z - T)	60.00
	RA660	Elastic bands with fleece (<i>Comfortex HPMF Hybrid, adapted via zipper</i>)	RA660V2- + Size (Z - T)	60.00

Thyroid Protection **RA614** (with NovaLite X-ray protective material)



The press stud connection is the safe adaptation of the thyroid protection to MAVIG X-ray protective clothing.

Our thyroid protection with snap fasteners for attachment of the shield to the apron is suitable for all model series. It includes outstanding features such as first-class design and ideal fit, bearing in mind all aspects of radiation protection.

An uncomplicated hook & burr closure, which is optionally exchangeable, ensures a sufficient range for individual adjustments.

Introducing a **new type of closure***, the thyroid protection can now be ordered with a magnetic closure.

(* not available in USA, Canada, and Japan)



Article Details / Information

Protective Material (Inlay)	▶ Code	RA614, Closure for neck sizes:	▶ Code	Colours	▶ Code	Outer Material/Cover	▶ Code
NovaLite	▶ 1	RA614 Hook & Burr Universal, for neck sizes of 32 - 45 cm.	▶ KL	Curacao	▶ 22	ComforTex HPMF	▶ 1
Lead Equivalent	▶ Code	RA614 Exchangeable Hook & Burr Universal, for neck sizes of 37 - 50 cm.	▶ AK	Indian Summer	▶ 23	ComforTex HPMF Hybrid	▶ 2
Standard:		RA614 Magnetic Universal, for neck sizes of 32 - 45 cm.	▶ MA	Limette	▶ 24		
Pb 0.50 mm	▶ 5			Lagoon	▶ 25		
				Ocean	▶ 26		
				Orchidee	▶ 27		
				Regatta	▶ 28		

Optional/Additions

Embroidery (single text line)

Surcharge for each additional line of embroidery

Logo embroidery (application of logo as print or embroidery possible)

Hygienic cover (in colour Ocean, ComforTex®-MF material)

Special order • **Individual neck sizes** (personal measurements)

	Description	Pb-Value	Neck Size	Outer Material	Inlay Material	Article Code
RA614	With hook & burr closure	0.50 mm	32 - 45 cm	ComforTex HPMF	NovaLite	RA6145 + Colour Code + KL11
	With exchangeable hook & burr	0.50 mm	37 - 50 cm	ComforTex HPMF	NovaLite	RA6145 + Colour Code + AK11
	With magnetic closure	0.50 mm	32 - 45 cm	ComforTex HPMF	NovaLite	RA6145 + Colour Code + MA11
	With hook & burr closure	0.50 mm	32 - 45 cm	ComforTex HPMF Hybrid	NovaLite	RA6145 + Colour Code + KL21
	With exchangeable hook & burr	0.50 mm	37 - 50 cm	ComforTex HPMF Hybrid	NovaLite	RA6145 + Colour Code + AK21
	With magnetic closure	0.50 mm	32 - 45 cm	ComforTex HPMF Hybrid	NovaLite	RA6145 + Colour Code + MA21
	Exchangeable hook & burr (Spare part)	-	-	ComforTex HPMF	-	RA614AKV
	Hygienic cover	-	-	ComforTex MF	-	RA614HF

X-Ray Protective Headwear (with NovaLite X-ray protective material)



Head Band RA610

The head band protects the front and side of the head. The top of the cranium is not covered by the head band. Nevertheless, the head band can X-Ray shielding of the cranium depending on the angle of incidence.

Head Cap with Airflow Strip RA611

This model is the perfect solution for enhanced radiation protection of the cranium and heat transmission.

Enclosed Head Cap RA612

The enclosed head cap provides radiation protection for the front, side, and top of the head. But this version allows less body heat to escape.

- RA
- HS
- DR
- RP
- RD
- AW
- AZ

Article Details / Information

Protective Material (inlay)		Model	▶ Code	Colours	▶ Code	Outer Material/Cover
NovaLite		Head Band	▶ RA610	Curacao	▶ 1	ComforTex HPMF (standard)
		Head Cap with Airflow Strip	▶ RA611	Orchidee	▶ 2	
		Enclosed Head Cap	▶ RA612	Regatta	▶ 3	
				Indian Summer	▶ 4	
				Limette	▶ 5	
				Ocean	▶ 7	
				Lagoon	▶ 8	
Lead Equivalents				Optional/Additions		
Options:				Embroidery on the left side (single line text)		
Pb 0.25 mm	▶ 2					
Pb 0.35 mm	▶ 3					
Pb 0.50 mm	▶ 5					



Particularly in work places where dose values cannot be reduced by effective on-site radiation protective shields or another protective system, the head can be exposed to a significant amount of radiation.

	Pb-Value	Outer Material	Inlay Material	Article Code	
NovaLite	Head Band	0,25 mm	ComforTex HPMF	NovaLite	RA6102 + Colour Code
	Head Band	0,35 mm	ComforTex HPMF	NovaLite	RA6103 + Colour Code
	Head Band	0,50 mm	ComforTex HPMF	NovaLite	RA6105 + Colour Code
	Head Cap	0,25 mm	ComforTex HPMF	NovaLite	RA6112 + Colour Code
	Head Cap	0,35 mm	ComforTex HPMF	NovaLite	RA6113 + Colour Code
	Head Cap	0,50 mm	ComforTex HPMF	NovaLite	RA6115 + Colour Code
	Enclosed Head Cap	0,25 mm	ComforTex HPMF	NovaLite	RA6122 + Colour Code
	Enclosed Head Cap	0,35 mm	ComforTex HPMF	NovaLite	RA6123 + Colour Code
	Enclosed Head Cap	0,50 mm	ComforTex HPMF	NovaLite	RA6125 + Colour Code

X-RAY PROTECTIVE GLOVES, RADIATION PROTECTIVE DRAPES

Sterile Protective Gloves HS100



Sterile protective gloves with X-ray radiation shielding from MAVIG offer an optimized protection for medical staff. At the same time, they still have the high elasticity and touch sensitivity needed for performance.

Remarkable is the protection factor of 2 (dose reduction >50%) when using the gloves for protection against scatter X-ray radiation (X-ray tube voltage: 60 - 80 kV).

As a sterile product, the HS100 are intended for single use only.

Article Details / Information

Protective Material	Sizes	Code	Material / Features
Metal Oxides (no lead/lead free)	6.5	▶ 65	Low protein, natural rubber gloves with protection against scatter X-ray radiation • Powder free • Extremely tear resistant • Low protein, natural rubber • Lead free • Non-toxic • Excellent gripping ability • Sterile • Disposable • Available in multiple sizes • High elasticity • Great touch sensitivity
Lead Equivalent	7.0	▶ 70	
	7.5	▶ 75	
	8.0	▶ 80	
	8.5	▶ 85	
	9.0	▶ 90	
Standard: Pb 0.03 - 0.04 mm			

Sales Unit	Pb-Value	Material	Size	Article Code
HS100	Dispenser box with 5 pairs	Low protein, natural rubber gloves	6.5	HS10065
	Dispenser box with 5 pairs	Low protein, natural rubber gloves	7.0	HS10070
	Dispenser box with 5 pairs	Low protein, natural rubber gloves	7.5	HS10075
	Dispenser box with 5 pairs	Low protein, natural rubber gloves	8.0	HS10080
	Dispenser box with 5 pairs	Low protein, natural rubber gloves	8.5	HS10085
	Dispenser box with 5 pairs	Low protein, natural rubber gloves	9.0	HS10090

Reusable X-Ray Protective Drapes



ST-FS5AMM
for femoral access



ST-RZ5AMM
for radial access

Our reusable drapes have been ergonomically formed to provide excellent protection, while being as compact as possible for patient comfort.

Special attention has also been paid to their application, such as the special cutout of the femoral cover for the femoral port, and the gentle slope of the right side of both drapes for unobstructed imaging.

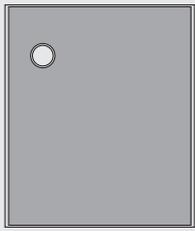
With the sterile covers, the protective drapes can be placed on top of the patient drape, allowing for quick placement or removal, and position reference.

Article Details / Information

Protective Material (Inlay)	Widths	Couloing	Outer Material/Cover
Standard Lead	STEA-FSAM	Mandarin (Front) Titan (Back)	ComforTex HPMF (Standard)
Lead Equivalent	STEA-RZAM		
Standard: Pb 0.50 mm			

Package Content	Pb-Value	Inlay Material	Article Code
X-ray protective drape with cutout for femoral access <i>Includes 50 sterile covers (STEA-FSAM)</i>	0.03 - 0.04 mm	Standard Lead	ST-FS5AMM
X-ray protective drape for radial access <i>Includes 50 sterile covers (STEA-RZAM)</i>	0.03 - 0.04 mm	Standard Lead	ST-RZ5AMM
50 sterile covers for X-ray protective drape ST-FS5AMM	-	-	STEA-FSAM
50 sterile covers for X-ray protective drape ST-RZ5AMM	-	-	STEA-RZAM

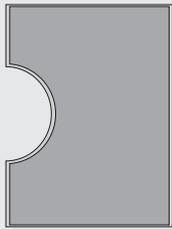
Lead Free Disposable X-Ray Protective Drapes AS100



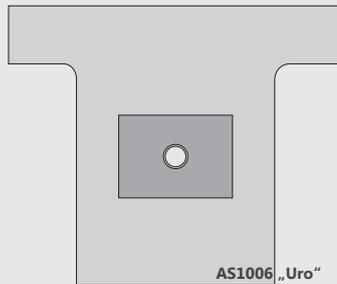
AS1001 „Angio“



AS1005 „Multi“



AS1007 „Surgery“



AS1006 „Uro“

The application-specific designs of the Radionex® drapes provide perfect protection for the physician without influencing the way they work. In addition, special adhesive strips on the backside of the drape allow for easy re-positioning in case the drape should accidentally be in the imaging field.

The outer material of Radionex® is made of an absorbent fabric to keep fluids such as blood and saline. These features make Radionex® an easy addition to any physician's radiation protection system, without changing the clinical procedure.

The drapes are available in four different forms, each dedicated to a specific application to maximize protection.

Additionally, the drapes can be ordered in three different protection levels (low, medium, and high), depending on clients' needs.

RA

HS

DR

RP

RD

AW

AZ

Article Details / Information

Protective Material (Inlay)		Fields of Application	► Code	Protection Area	Outer Material/Cover
Lead-free protective material		Angio angiography via femoral access	► AS1001	Angio ca. 30 x 40 cm	Hydrophilic Fleece
		Multi angiography via radial access and other applications	► AS1005	Multi ca. 30 x 40 cm	
		Surgery EP, pacemaker, and PCNL	► AS1007	Surgery ca. 30 x 40 cm	
		Uro lithotomy position	► AS1006	Uro ca. 30 x 40 cm	
Protection Level	► Code				
Options:					
High	► H				
Medium	► M				
Low	► L				

	Description / Package Content	Protection	Application	Article Code
ANGIO	15 sterile disposable drapes for angiography via femoral access	High	Angio	AS1001H
	15 sterile disposable drapes for angiography via femoral access	Medium	Angio	AS1001M
	15 sterile disposable drapes for angiography via femoral access	Low	Angio	AS1001L
MULTI	Multi, 15 sterile disposable drapes for angiography via radial access and other applications	High	Multi	AS1005H
	Multi, 15 sterile disposable drapes for angiography via radial access and other applications	Medium	Multi	AS1005M
	Multi, 15 sterile disposable drapes for angiography via radial access and other applications	Low	Multi	AS1005L
SURGERY	15 sterile disposable drapes for electrophysiology (EP), pacemaker, and Percutaneous Nephrolithotomy (PCNL)	High	Surgery	AS1007H
	15 sterile disposable drapes for electrophysiology (EP), pacemaker, and Percutaneous Nephrolithotomy (PCNL)	Medium	Surgery	AS1007M
	15 sterile disposable drapes for electrophysiology (EP), pacemaker, and Percutaneous Nephrolithotomy (PCNL)	Low	Surgery	AS1007L
URO	5 sterile disposable drapes for lithotomy position	High	Uro	AS1006H
	5 sterile disposable drapes for lithotomy position	Medium	Uro	AS1006M
	5 sterile disposable drapes for lithotomy position	Low	Uro	AS1006L

X-RAY PROTECTION FOR THE PATIENT

Patient Drape for CT Scans **RP648**



Best possible protection of the patient during CT scans, e.g. of the skull, is offered by the patient drape RP648.

The effective, reusable patient protective drape protects the sternum, chest, shoulder joints, and optionally the thyroid gland and is easy to position on the patient.

Article Details / Information

Protective Material (Inlay)	Size, universal:	Colours	► Code	Outer Material/Cover
Standard Lead	<p>Height approx. 35 cm, from neckline Width approx. 63 cm, at breast height</p>	Curacao	► 1	ComforTex HPMF
Lead Equivalent		Orchidee	► 2	
	Standard:	Regatta	► 3	
Pb 0.35 mm	Indian Summer	► 4		
	Limette	► 5		
	Teddy-Design	► 6		
	Ocean	► 7		
	Lagoon	► 8		
Pb-Value	Size	Outer Material	Inlay Material	Article Code
0.35 mm	universal / ca. 35 x 63 cm	ComforTex HPMF	Standard Lead	RP648 + Colour Code

Patient Drape **RP689**



This versatile patient protective drape provides specific protection for your patients, combined with simple handling. MAVIG offers multiple sizes for you to choose from, depending on the purpose at hand. Additionally, the protective drape can be supplied with hook & burr fasteners.

Hint: *The sizes mentioned are only examples. On request, MAVIG can manufacture the drape according to your individual/customized dimensions, taking into account the available roll widths of 60 or 90 cm.*

Blanks: *For customized lengths greater than 100 cm, please use the 100 cm price to calculate a running linear meter price for either a 60 or 90 cm width.*

Article Details / Information

Protective Material (Inlay)	Standard Sizes	► Code	Colours	► Code	Outer Material/Cover	
Standard Lead	60 x 100 cm	► 60x100	Curacao	► 1	ComforTex HPMF	
Lead Equivalent	60 x 80 cm	► 60x80	Orchidee	► 2		
	60 x 50 cm	► 60x50	Regatta	► 3		
Options:	90 x 100 cm	► 90x100	Indian Summer	► 4		
Pb 0.50 mm	90 x 80 cm	► 90x80	Limette	► 5		
Pb 1.00 mm	90 x 50 cm	► 90x50	Teddy-Design	► 6		
			Ocean	► 7		
			Lagoon	► 8		
Pb Value	Size	Outer Material	Inlay Material	Article Code		
60 cm WIDTH	0.50 mm	60 x 100 cm	ComforTex HPMF	Standard Lead		RP6895 + Colour Code +60x100
	0.50 mm	60 x 80 cm	ComforTex HPMF	Standard Lead		RP6895 + Colour Code +60x80
	0.50 mm	60 x 50 cm <i>or smaller</i>	ComforTex HPMF	Standard Lead		RP6895 + Colour Code +60x50
60 cm WIDTH	1.00 mm	60 x 100 cm	ComforTex HPMF	Standard Lead	RP6891 + Colour Code +60x100	
	1.00 mm	60 x 80 cm	ComforTex HPMF	Standard Lead	RP6891 + Colour Code +60x80	
	1.00 mm	60 x 50 cm <i>or smaller</i>	ComforTex HPMF	Standard Lead	RP6891 + Colour Code +60x50	
90 cm WIDTH	0.50 mm	90 x 100 cm	ComforTex HPMF	Standard Lead	RP6895 + Colour Code +90x100	
	0.50 mm	90 x 80 cm	ComforTex HPMF	Standard Lead	RP6895 + Colour Code +90x80	
	0.50 mm	90 x 50 cm <i>or smaller</i>	ComforTex HPMF	Standard Lead	RP6895 + Colour Code +90x50	
90 cm WIDTH	1.00 mm	90 x 100 cm	ComforTex HPMF	Standard Lead	RP6891 + Colour Code +90x100	
	1.00 mm	90 x 80 cm	ComforTex HPMF	Standard Lead	RP6891 + Colour Code +90x80	
	1.00 mm	90 x 50 cm <i>or smaller</i>	ComforTex HPMF	Standard Lead	RP6891 + Colour Code +90x50	

Gonad Aprons **RP643**



The user friendly designed aprons offer radiation protection for the gonads. Due to the flexible tension strap, the apron fits every size and can be easily and quickly put on and taken off.

Hint: We recommend our specially designed wall rack model AW417 for proper storage of your gonadal aprons.

Please note MAVIG's very attractive offers for complete sets, optionally including the corresponding storage system AW417!

Article Details / Information

Protective Material (Inlay)	Sizes, recommended for:	► Code	Colours	► Code	Outer Material/Cover
Standard Lead	S Toddlers, apron for a waist girth of 43 - ca. 53 cm	► S	Curacao	► 1	ComforTex HPMF
Lead Equivalent Standard: Pb 0.50 mm	M Children, apron for a waist girth of 54 - ca. 79 cm	► M	Orchidee	► 2	
	L Adults, apron for a waist girth of 77 - ca. 104 cm	► L	Regatta	► 3	
	XL X-Large, apron for a waist girth of 101 - ca. 150 cm	► X	Indian Summer	► 4	
				Limette	
			Teddy-Design	► 6	
			Ocean	► 7	
			Lagoon	► 8	

	Pb Value	Size (HxW)	Outer Material	Inlay Material	Article Code	
RP643	0,50 mm	20 x 25 cm (Toddlers)	ComforTex HPMF	Standard Lead	RP643S + Colour Code	
	0,50 mm	30 x 30 cm (Children)	ComforTex HPMF	Standard Lead	RP643M + Colour Code	
	0,50 mm	37 x 40 cm (Adults)	ComforTex HPMF	Standard Lead	RP643L + Colour Code	
	0,50 mm	45 x 50 cm (X-Large)	ComforTex HPMF	Standard Lead	RP643X + Colour Code	
SET	Complete Set	0,50 mm	all 4 Sizes	ComforTex HPMF	Standard Lead	RP643SET + Colour Code
	Complete Set + Storage System	0,50 mm	all 4 Sizes + AW417 (see page 32)	ComforTex HPMF	Standard Lead	RP643SETWA + Colour Code

RA

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X-RAY PROTECTION FOR THE PATIENT

Children Apron **RP664** (with NovaLite)



The children's apron is especially adapted for universal use and provides optimal front protection for your little patients.

The RP664 model is easy to fasten in front with an adjustable snap buckle providing enough room for exact adjustment.

MAVIG manufactures the children apron with the innovative NovaLite radiation protective material in order to achieve the best possible weight ratio and reduce the physical strain for the children as much as possible.

Article Details / Information

Protective Material (Inlay)	Sizes, suitable for:	► Code	Colours	► Code	Outer Material/Cover
NovaLite	Small Length: 59 cm, Width: 35 cm for children 3 to 5 years old	► S	Curacao	► 1	ComforTex HPMF
Lead Equivalent	Medium Length: 67 cm, Width: 43 cm for children 6 to 8 years old	► M	Orchidee	► 2	
			Regatta	► 3	
			Indian Summer	► 4	
Front:	Large Length: 84 cm, Width: 45 cm for children 9 to 12 years old	► L	Limette	► 5	
Pb 0.50 mm			Teddy-Design	► 6	
Back:			Ocean	► 7	
Pb 0.25 mm			Lagoon	► 8	

	Front (Pb)	Back (Pb)	Size	Outer Material	Inlay Material	Article Code
RP664	0.50 mm	0.25 mm	Small	ComforTex HPMF	NovaLite	RP664S + Colour Code
	0.50 mm	0.25 mm	Medium	ComforTex HPMF	NovaLite	RP664M + Colour Code
	0.50 mm	0.25 mm	Large	ComforTex HPMF	NovaLite	RP664L + Colour Code

Children Coat **RP668** (with NovaLite)



The practical all around protection for your little patients with hook & burr fasteners in the front combines ideal radiation protection with a variable fit and a high degree of wearing comfort. The generously measured flexibility for width adjustment guarantees a comfortable fit.

X-ray protection for children, in particular, must be easy to put on and take off. The patients rarely have enough patience for long preparations. Therefore you can adjust and re-adjust the RP668 children coat quickly and securely by means of the hook & burr fasteners at the front.

MAVIG manufactures the children coat with the innovative NovaLite radiation protective material in order to achieve the best possible weight ratio and thus reduce the physical strain for the children as much as possible.

Article Details / Information

Protective Material (Inlay)	Sizes, suitable for:	► Code	Colours	► Code	Outer Material/Cover
NovaLite	Small Length: 60 cm, Hip girth: 68 - 75 cm for children 3 to 5 years old	► S	Curacao	► 1	ComforTex HPMF
Lead Equivalent	Medium Length: 80 cm, Hip girth: 76 - 83 cm for children 6 to 8 years old	► M	Orchidee	► 2	
			Regatta	► 3	
			Indian Summer	► 4	
Front:	Large Length: 84 cm, Hip girth: 84 - 95 cm for children 9 to 12 years old	► L	Limette	► 5	
Pb 0.50 mm			Teddy-Design	► 6	
Back:			Ocean	► 7	
Pb 0.25 mm			Lagoon	► 8	

	Front (Pb)	Back (Pb)	Size	Outer Material	Inlay Material	Article Code
RP668	0.50 mm	0.25 mm	Small	ComforTex HPMF	NovaLite	RP668S + Colour Code
	0.50 mm	0.25 mm	Medium	ComforTex HPMF	NovaLite	RP668M + Colour Code
	0.50 mm	0.25 mm	Large	ComforTex HPMF	NovaLite	RP668L + Colour Code

Ovary Shield with Belt RP679



The patient protection RP679 protects the ovaries of your female standing patients during X-rays in medical diagnostics. The elastic stretch belt with snap buckle guarantees easy putting on and taking off and a comfortable size adjustment.

Hint: One set contains three sizes of protective shields and a stretch belt (with hygienic casing) which can be adjusted to the patient girth.

For patients with a waist larger than 128 cm, a custom-made belt is available upon request.

Article Details / Information

Protective Material (Inlay)	Sets, Length of Belt, ... Size / Colour:	► Code	Outer Material/Cover
Standard Lead	Adult Set, with a belt length of 61 - 128 cm	► SET-E	ComforTex HPMF
	Small 16 x 11 cm (H x W) / Ocean Medium 18 x 13 cm (H x W) / Indian Summer Large 20 x 19 cm (H x W) / Regatta		
Lead Equivalent	Adult Set, with a belt length of 36 - 69 cm	► SET-K	
Standard:			
Pb 1.00 mm	Small 8 x 6 cm (H x W) / Orchidee Medium 9 x 8 cm (H x W) / Limette Large 10 x 10 cm (H x W) / Curacao		

	Pb Value	Set (Small, Medium, Large)	Outer Material	Inlay Material	Article Code
SET	1.00 mm	Adult (3 pieces set)	ComforTex HPMF	Standard Lead	RP679SET-E
	1.00 mm	Children (3 pieces set)	ComforTex HPMF	Standard Lead	RP679SET-K

Ovary Shield RP278



The modell RP278 protects the ovaries of the lying female patient during medical X-rays.

The radiolucent control marks ensure correct placement. In addition to the three available sizes, each shield can be positioned by means of two swiveling parts for fine adjustment.

Hint: Also available in a value-priced set (all 3 sizes) = RP278SET.

Article Details / Information

Protective Material (Inlay)	Sizes, height:	► Code	Outer Material/Cover
Standard Lead	Large 12 cm	► 1	Soft PVC Cover in a light grey colour
	Medium 9 cm	► 2	
	Small 7 cm	► 3	
Lead Equivalent			
Standard:			
Pb 1.00 mm			

	Pb Value	Size	Outer Material	Inlay Material	Article Code
SET RP278	1,00 mm	Large	Soft PVC	Standard Lead	RP2781
	1,00 mm	Medium	Soft PVC	Standard Lead	RP2782
	1,00 mm	Small	Soft PVC	Standard Lead	RP2783
	1,00 mm	Large, Medium, Small (set)	Soft PVC	Standard Lead	RP278SET

RA

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DR

RP

RD

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X-RAY PROTECTION FOR THE PATIENT

Testicle Shield **RP276**



This model of gonadal protection also covers the penis and scrotum.

Being placed in a sensitive area, we made sure that the design eliminates any risk of injury. For cleaning and disinfection the protection can be completely unfolded via snap fasteners.

Hint: Different hygienic cover sets are available for the sizes M and K, which each contain 100 covers. The set RP-HYB-CMK contains 100 covers for size M and 100 covers for size K.

Article Details / Information

Protective Material (Inlay)	Sizes for, ca. measurements/suitable for:	► Code	Outer Material/Cover
Standard Lead	Men 155 x 120 x 90 mm	► M	Soft PVC Cover in a light grey colour (for men/boys) ComforTex HPMF in Teddy-Design (for children)
	Boys 110 x 90 x 65 mm	► K	
Lead Equivalent	Children Set 3-piece set for babies, toddlers, and children from ages 1 to ca. 10	► -S-SET	
Standard: Pb 1.00 mm			

	Pb Value	Size	Outer Material	Inlay Material	Article Code	
HYGIENE RP276	1.00 mm	Men	Soft PVC	Standard Lead	RP276M	
	1.00 mm	Boys	Soft PVC	Standard Lead	RP276K	
	1.00 mm	Children Set	ComforTex HPMF	Standard Lead	RP276-S-SET	
	100 Hygienic covers	-	for RP276M	-	-	RP-HYG-CM
	100 Hygienic covers	-	for RP276K	-	-	RP-HYG-CK
	200 Hygienic covers	-	for RP276M/K (100 pc. each)	-	-	RP-HYG-CMK

Testicle Shield **RP280**



The testicle protection with a padded, elastic case clasp ensures a safe and correct fit with gentle pressure during the entire length of the examination. Due to the practical design with rounded edges the model can be easily put on by the patient himself without any risk of injury.

Hint: Different hygienic cover sets are available for the sizes M and K, which each contain 100 covers. The Set RP-HYB-CMK contains 100 covers for size M and 100 covers for size K.

Article Details / Information

Protective Material (Inlay)	Sizes for, ca. measurements:	► Code	Outer Material/Cover
Lead rubber singleply material	Men 135 x 105 x 60 mm	► M	Skin friendly coating on a natural rubber base in the colour medico-white.
	Boys 105 x 85 x 55 mm	► K	
Lead Equivalent			
Standard: Pb 1.00 mm			

	Pb Value	Size	Outer Material	Inlay Material	Article Code	
HYGIENE RP280	1.00 mm	Men	Natural rubber	Lead rubber	RP280M	
	1.00 mm	Boys	Natural rubber	Lead rubber	RP280K	
	100 Hygienic covers	-	for RP280M	-	-	RP-HYG-CM
	100 Hygienic covers	-	for RP280K	-	-	RP-HYG-CK
	200 Hygienic covers	-	for RP280M/K (100 pc. each)	-	-	RP-HYG-CMK

Mammary Gland Shield **RP270**



The breast protection effectively protects your female patients during mammographic radiation procedures. The length-adaptable hook & burr, which connects both protective parts, guarantees a comfortable fit and easy size adjustment.

Article Details / Information

Protective Material (Inlay)	Size	Colours	Code	Outer Material/Cover
Novalite	<p>Height ca. 40 cm Width ca. 18 cm</p>	Curacao	▶ 1	ComforTex HPMF
Lead Equivalent Standard: Pb 0.50 mm		Orchidee	▶ 2	
		Regatta	▶ 3	
		Indian Summer	▶ 4	
		Limette	▶ 5	
		Teddy-Design	▶ 6	
		Ocean	▶ 7	
		Lagoon	▶ 8	
Pb Value	size	Outer Material	Inlay Material	Article Code
0.50 mm	universal	ComforTex HPMF	Novalite	RP270 + Colour Code

- RA
- HS
- DR
- RP
- RD
- AW
- AZ

Children Mammary Gland Shield **RP271**



The patient protection for paediatrics protects the mammary gland of your small patients during X-ray images in medical diagnostics.

Due to comfortable, non-irritating neoprene stoppers the model can be easily adjusted to the respective size.

Article Details / Information

Protective Material (Inlay)	Size	Colour	Code	Outer Material/Cover
Novalite	<p>Height ca. 11 cm Width ca. 10 cm</p>	Teddy-Design	▶ 6	ComforTex HPMF
Lead Equivalent Standard: Pb 0.50 mm				
Pb Value	Size	Outer Material	Inlay Material	Article Code
0.50 mm	universal	ComforTex HPMF	Novalite	RP2716

X-RAY PROTECTION FOR THE PATIENT / DENTAL PATIENT

Gonad Protection Pants **RP274**



The gonadal diaper protects the entire region of the lower abdomen of your smallest patients, while at the same time providing the necessary comfort.

The practicable hook & burr fasteners allow easy and fast putting on and taking off as well as comfortable size adjustment.

Article Details / Information

Protective Material (Inlay)	Set, sizes for:	► Code	Colour	► Code	Outer Material/Cover
NovaLite	Complete Set for Children <i>babies, toddlers, and small children:</i> 0 – 1 year old 1 – 3 years old 3 – 6 years old	► SET	Teddy-Design	► 6	ComforTex HPMF
Lead Equivalent Standard: Pb 1.00 mm					
Pb Value	Size	Outer Material	Inlay Material	Article Code	
1.00 mm	Set (3 sizes)	ComforTex HPMF	NovaLite	RP274SET6	

Dental Panorama X-Ray Apron **RD635**



The dental apron RD635 has been designed for panoramic radiographs or teleradiography of the standing patient.

The practical hook & burr closure on the front facilitates putting on and taking off of the apron.

Hint: Matching the model RD635, our thyroid protection RD614 for patients is available.

Article Details / Information

Protective Material (Inlay)	Sizes, front dimensions:	► Code	Colours	► Code	Outer Material/Cover
Standard Lead	Adults 90.0 x 60.0 cm (L x W)	► E	Curacao	► 1	ComforTex HPMF
	Children 70.0 x 45.0 cm (L x W)	► K	Orchidee	► 2	
			Regatta	► 3	
			Indian Summer	► 4	
			Limette	► 5	
			Teddy-Design	► 6	
			Ocean	► 7	
			Lagoon	► 8	
Lead Equivalent					
Standard:					
Pb 0.50 mm					

Pb Value Size Outer Material Inlay Material Article Code

RD635

0.50 mm Adults (E) ComforTex HPMF Standard Lead RD635E + **Colour Code**

0.50 mm Children (K) ComforTex HPMF Standard Lead RD635K + **Colour Code**

Dental X-Ray Apron **RD642**



The dental apron RD642 is suited for images of the sitting or lying patient.

The practical hook & burr fastener on the back facilitates putting on and taking off.

Hint: Matching the model RD642, our thyroid protection RD614 for patients is available.

Article Details / Information

Protective Material (Inlay)	Sizes, front dimensions:	► Code	Colours	► Code	Outer Material/Cover
Standard Lead	Adults 90.0 x 60.0 cm (L x W)	► E	Curacao	► 1	ComforTex HPMF
	Children 70.0 x 45.0 cm (L x W)	► K	Orchidee	► 2	
			Regatta	► 3	
			Indian Summer	► 4	
			Limette	► 5	
			Teddy-Design	► 6	
			Ocean	► 7	
			Lagoon	► 8	
Lead Equivalent					
Standard:					
Pb 0.50 mm					

Pb Value Size Outer Material Inlay Material Article Code

RD642

0.50 mm Adults (E) ComforTex HPMF Standard Lead RD642E + **Colour Code**

0.50 mm Children (K) ComforTex HPMF Standard Lead RD642K + **Colour Code**

- RA
- HS
- DR
- RP
- RD
- AW
- AZ

X-RAY PROTECTION FOR THE DENTAL PATIENT



The apron protects the sitting patient during dental X-rays.

The sewn-on protective collar reduces the dose of the thyroid gland. Loops on the back of the apron allow the apron to be fastened to the dental chair. The practical hook & burr fastener on the back/neck facilitates putting on and taking off.

Hint: *The model RD644 is designed as a reversible apron for patients. This allows you to choose between a single-colour or one of our two-colour models. As two-colour combinations are available: „Curacao with Ochidee“ and „Limette with Ocean“.*

Article Details / Information

Protective Material (Inlay)	Sizes, front measurement:	► Code	Colours	► Code	Outer Material/Cover
Standard Lead	Erwachsene 90,0 x 60,0 cm (L x B)	► E	Curacao	► 1	ComforTex HPMF
	Kinder 70,0 x 45,0 cm (L x B)	► K	Orchidee	► 2	
			Regatta	► 3	
			Indian Summer	► 4	
			Limette	► 5	
			Teddy-Design	► 6	
			Ocean	► 7	
			Lagoon	► 8	
Lead Equivalent					
Standard:					
Pb 0.50 mm					

	(Colour)Design	Pb Value	Size	Outer Material	Inlay Material	Article Code
RD644	Single colour	0.50 mm	Adults (E)	ComforTex HPMF	Standard Lead	RD644E + Colour Code
	Single colour	0.50 mm	Children (K)	ComforTex HPMF	Standard Lead	RD644K + Colour Code
	Curacao + Orchidee	0.50 mm	Adults (E)	ComforTex HPMF	Standard Lead	RD644E12
	Curacao + Orchidee	0.50 mm	Children (K)	ComforTex HPMF	Standard Lead	RD644K12
	Limette + Ocean	0.50 mm	Adults (E)	ComforTex HPMF	Standard Lead	RD644E57
	Limette + Ocean	0.50 mm	Children (K)	ComforTex HPMF	Standard Lead	RD644K57

Patient Thyroid Shield RD614


Dental / Patient

The RD614 serves as a protection of the thyroid gland as well as the sternum during X-ray images of adults and children.

An uncomplicated hook & burr fastener, optionally exchangeable, gives plenty of range for individual adjustments.

Hint: *In order to keep up with the hygienic standards, it is recommended to order the collar with a special washable hygienic cover made of ComforTex® MF in the colour Ocean.*

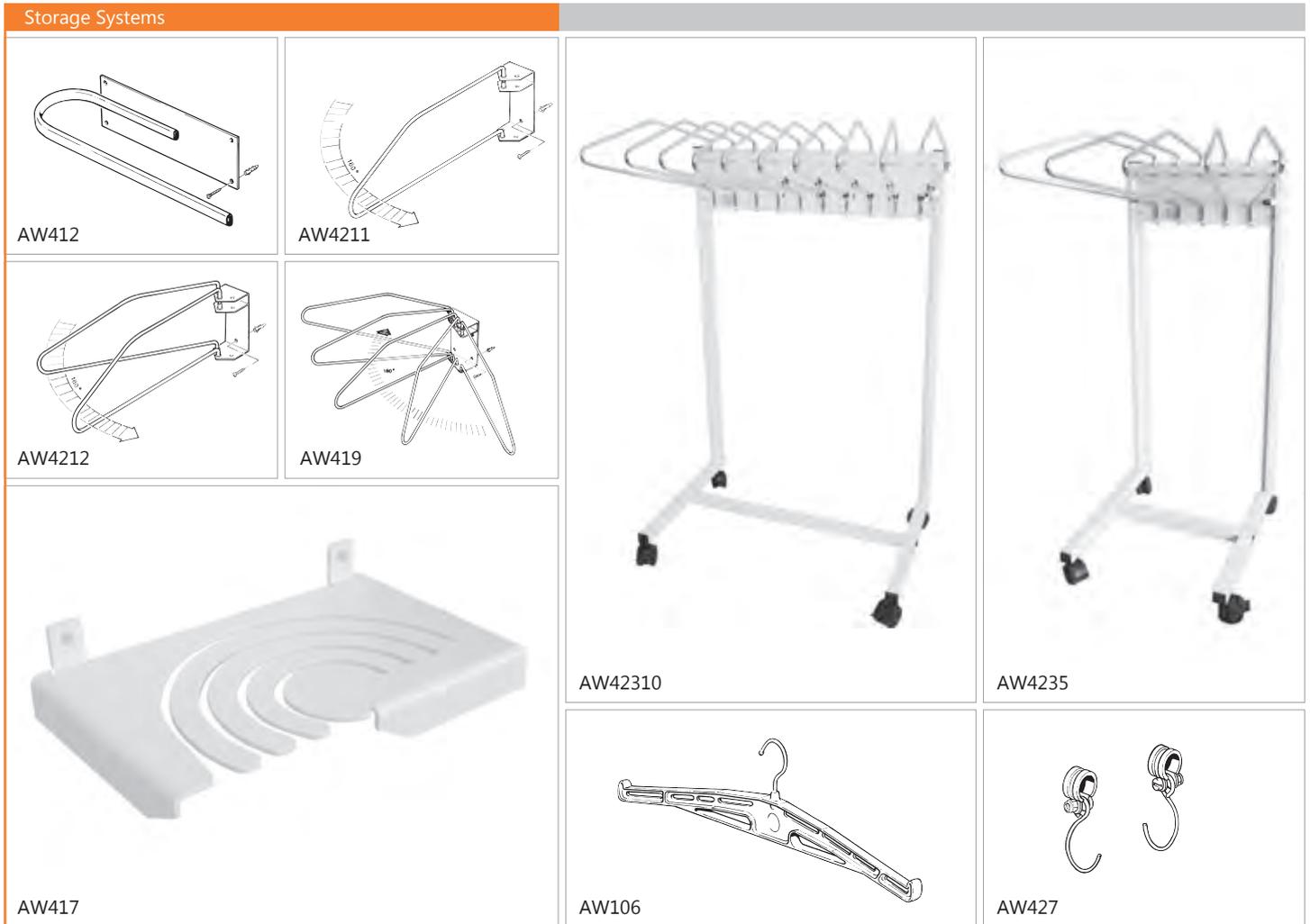

Article Details / Information

Protective Material (Inlay)	Sizes, unique / neck girth	► Code	Colours	► Code	Outer Material/Cover
Standard Lead	With hook & burr fastener: Adults 32 - 45 cm Children 28 - 36 cm	► E ► K	Curacao Orchidee Regatta Indian Summer Limette Teddy-Design Ocean Lagoon	► 1 ► 2 ► 3 ► 4 ► 5 ► 6 ► 7 ► 8	ComforTex HPMF
Lead Equivalent	With exchangeable fastener (AK): Adults 37 - 50 cm Children 28 - 36 cm	► EAK ► KAK			
Standard: Pb 0.50 mm					
Optional/Additions					► Code
Embroidery (single line text) Surcharge for each additional line of embroidery					
Spare part - exchange fastener for RD614 - Adult size (adapted via snap fasteners)					► EAKV
Spare part - exchange fastener for RD614 - Children size (adapted via snap fasteners)					► KAKV
Hygienic cover for RD614 - Adult size					► EF
Hygienic cover for RD614 - Children size					► KF

	Description	Pb Value	Size	Outer Material	Inlay Material	Article Code
RD614	With hook & burr fastener	0.50 mm	Adults (E)	ComforTex HPMF	Standard Lead	RD614E + Colour Code
	With hook & burr fastener	0.50 mm	Children (K)	ComforTex HPMF	Standard Lead	RD614K + Colour Code
	With hook & burr fastener (exchangeable / AK)	0.50 mm	Adults (E)	ComforTex HPMF	Standard Lead	RD614EAK + Colour Code
	With hook & burr fastener (exchangeable / AK)	0.50 mm	Children (K)	ComforTex HPMF	Standard Lead	RD614KAK + Colour Code
OPTIONAL	Exchangeable hook & burr (spare part)	-	Adults (E)	ComforTex HPMF	-	RD614EAKV
	Exchangeable hook & burr (spare part)	-	Children (K)	ComforTex HPMF	-	RD614KAKV
	Hygienic cover	-	Adults (E)	ComforTex MF	-	RD614EF
	Hygienic cover	-	Children (K)	ComforTex MF	-	RD614KF

- RA
- HS
- DR
- RP
- RD
- AW
- AZ

STORAGE SYSTEMS , ACCESSORIES FOR X-RAY TECHNOLOGY



	Description - Purpose, Capacity	Article Code
STORAGE SYSTEMS	Wall system for one dental apron	AW412
	Wall system for one set of patient protective aprons (see RP643)	AW417
	Wall rack for five aprons, swivelling to the right hand side	AW419R
	Wall rack for five aprons, swivelling to the left hand side	AW419L
	Wall rack for one apron	AW4211
	Wall rack for two aprons, swivelling to the right hand side	AW4212R
	Wall rack for two aprons, swivelling to the left hand side	AW4212L
	Wall rack for three aprons	AW4213
	Mobile storage system for five aprons	AW4235
	Mobile storage system for ten aprons	AW42310
	Hooks for skirt (per pair), for use with wall racks and mobile systems	AW427
Special hanger for one apron	AW106	

Lead Rubber Singleply Material **AZ187**



The high quality, robust lead rubber singleply material with easy to clean coating on the outside and fabric inlay is frequently used in the exposure technique, e.g. as cassette covers. The visible colour of the outside is medico-white.

Hint: *Thickness and weight of the material can vary +/- 10%.*

The material is uncomplicated to handle and can be easily cut to the size of a cassette plate or other required sizes by the client.

Pieces trimmed by MAVIG are subject to a surcharge.

AZ187-99 comes as rolls with 90 cm width, edges not trimmed, minimum quantity 0.50 m.

Pb Value	Material Characteristics	Article Code
0.50 mm	Thickness 3.0 mm, grammage 8.1 kg/m ²	AZ18705-99
1.00 mm	Thickness 4.2 mm, grammage 13.5 kg/m ²	AZ18710-99
1.50 mm	Thickness 5.7 mm, grammage 19.5 kg/m ²	AZ18715-99
2.00 mm	Thickness 8.0 mm, grammage 27.0 kg/m ²	AZ18720-99

AZ187

Scattered Radiation Grid



Parallel and tunnel grids serve to reduce scatter radiation, which considerably impairs image quality because of inadequate contrast reproduction.

- Factors for Your Choice:**
1. Size
 2. Lines per cm
 3. Grid ratio
 4. Size 35.6 x 43.2 cm: *The cassette drawer can be ordered on the **short** or the **long side** of the grid. (for the size 24.0 x 30.0 cm the drawer is on the short side)*
 5. Line profile: **Parallel/longitudinal** or **transversal** to the longitudinal side of the grid

BASICS FOR THE ARTICLE CODE

For every order, please add the factors 4. and 5. to the article code.

Hint: *Focused grids are available upon request.*

Size	Orientation	Lines per cm	Ratio	Article Code
35.6 x 43.2 cm	parallel	30	R 6 : 1	AZTR3543A6 +4.+5.
35.6 x 43.2 cm	parallel	30	R 8 : 1	AZTR3543A8 +4.+5.
35.6 x 43.2 cm	parallel	40	R 6 : 1	AZTR3543C6 +4.+5.
35.6 x 43.2 cm	parallel	40	R 8 : 1	AZTR3543C8 +4.+5.
35.6 x 43.2 cm	parallel	40	R 10 : 1	AZTR3543C0 +4.+5.
35.6 x 43.2 cm	parallel	40	R 12 : 1	AZTR3543C2 +4.+5.
35.6 x 43.2 cm	parallel	70	R 6 : 1	AZTR3543E6 +4.+5.
35.6 x 43.2 cm	parallel	70	R 8 : 1	AZTR3543E8 +4.+5.
35.6 x 43.2 cm	parallel	70	R 10 : 1	AZTR3543E0 +4.+5.
35.6 x 43.2 cm	parallel	70	R 12 : 1	AZTR3543E2 +4.+5.
24.0 x 30.0 cm	parallel	30	R 6 : 1	AZTR2430A6 +4.+5.
24.0 x 30.0 cm	parallel	30	R 8 : 1	AZTR2430A8 +4.+5.
24.0 x 30.0 cm	parallel	40	R 6 : 1	AZTR2430C6 +4.+5.
24.0 x 30.0 cm	parallel	40	R 8 : 1	AZTR2430C8 +4.+5.
24.0 x 30.0 cm	parallel	40	R 10 : 1	AZTR2430C0 +4.+5.
24.0 x 30.0 cm	parallel	40	R 12 : 1	AZTR2430C2 +4.+5.
24.0 x 30.0 cm	parallel	70	R 6 : 1	AZTR2430E6 +4.+5.
24.0 x 30.0 cm	parallel	70	R 8 : 1	AZTR2430E8 +4.+5.
24.0 x 30.0 cm	parallel	70	R 10 : 1	AZTR2430E0 +4.+5.
24.0 x 30.0 cm	parallel	70	R 12 : 1	AZTR2430E2 +4.+5.

SCATTERED RADIATION GRID

RA

HS

DR

RP

RD

AW

AZ

General Notice

All sales transactions are done in EURO. Unless otherwise stated, prices of goods include packing, and are FCA MAVIG, Munich (Incoterms 2010). In order to protect the interest of the purchaser, we recommend to obtain insurance to cover against loss, damage, and/or theft of goods in transit.

Returned merchandise will not be accepted without prior written notice. Any merchandise received by MAVIG without written authorization shall be refused and returned to sender.

Special orders are sold on a non-refundable basis. All people authorized to use MAVIG products should be trained in their correct use and storage, as well as the dangers involved in exposure to radiation. The proper selection and use of MAVIG products are the sole responsibility of the purchaser. The purchase must only be made by a person competent in determining the requirements of X-Ray protection and the particular applications in which they will be used.

No warranty or guarantee, either expressed or implied, is extended to cover personal injury or damage which may result due to improper use, storage, handling, or unauthorized use of MAVIG products. This warranty is in lieu of all warranties expressed or implied, including warranties of merchantability and fitness for purpose.

We refer to the general terms of business of MAVIG GmbH.

Right to technical changes for the products or content of the catalogue is reserved.

Personal X-Ray Protection – Made to Measure

This data sheet has been developed in order to assist you with taking correct measures for tailor-made aprons. Before ordering a tailor-made apron, please double check with our customer service if not a standard size of our extensive product range would be suitable.

Please always consider the following points in order to achieve the best protection:

- Measure precisely: tape should be snug, but not restrictive
- According to RbV and DIN EN 61331-3:2016 the front of the body should be covered from the lowest point of the neck down to the knees
- MAVIG recommends to even measure to the point underneath the knees for max. safety
- All of the below measures are relevant, regardless if a coat, apron, or costume is requested

Please fill in this chart completely.

1 _____ cm **Width of Back**

Measured across the back from armpit to armpit, while arms are down and close to body.

2a _____ cm **Breast Girth**

Measured horizontally around the body at the widest point of the chest.

2b _____ cm **Under Breast Girth (Lady)**

Measured horizontally around the body just below the breast.

3 _____ cm **Waist Girth**

Measured snug around the waist, but not restrictive.

- Ladies: at the slimmest point of the waist
- Gents: slightly below the navel

4 _____ cm **Waist Level**

Measured from the middle of the shoulder to the waist.

- Ladies: to the slimmest point of the waist
- Gents: to a point slightly below the navel

5 _____ cm **Hip-/Bottom Girth**

Measured horizontally around the body at the widest point of the hip/bottom.

6 _____ cm **Length of Apron / Coat**

Measured from the middle of the shoulder to the lower edge of the apron / coat.

7 _____ cm **Length of Costume Skirt**

Measured from waist level to the lower edge of the skirt.

8 _____ cm **Total Body Height**

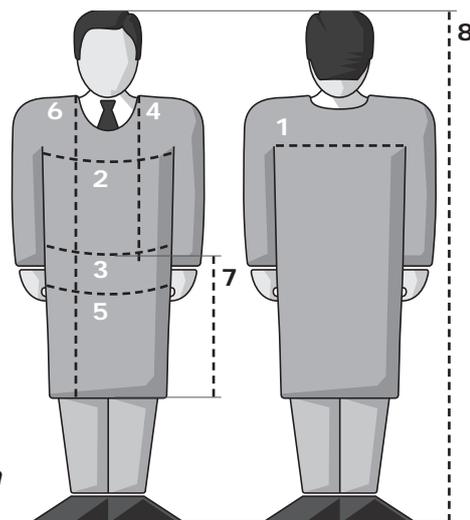
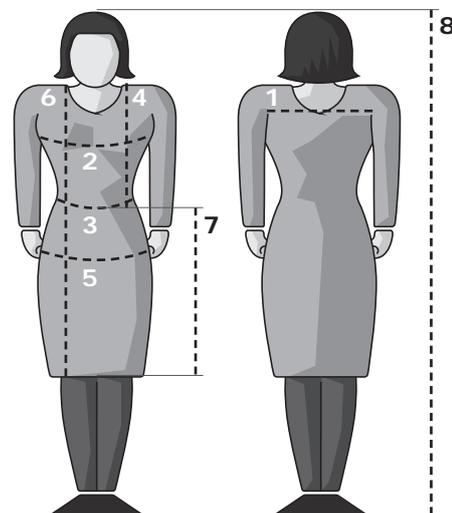
9 Model _____ , **Pb Value Front** _____ mm
(Pb value back, standard: 0.25 mm)

10 Apron for **Lady** **Gent**

11 Measured by: _____
(Name)

Date: _____
(Date)

By/From: **Hospital** / **Supplier** / **MAVIG Employee**



- RA
- HS
- DR
- RP
- RD
- AW
- AZ



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