



X-RAY DOES NOT JOKE!



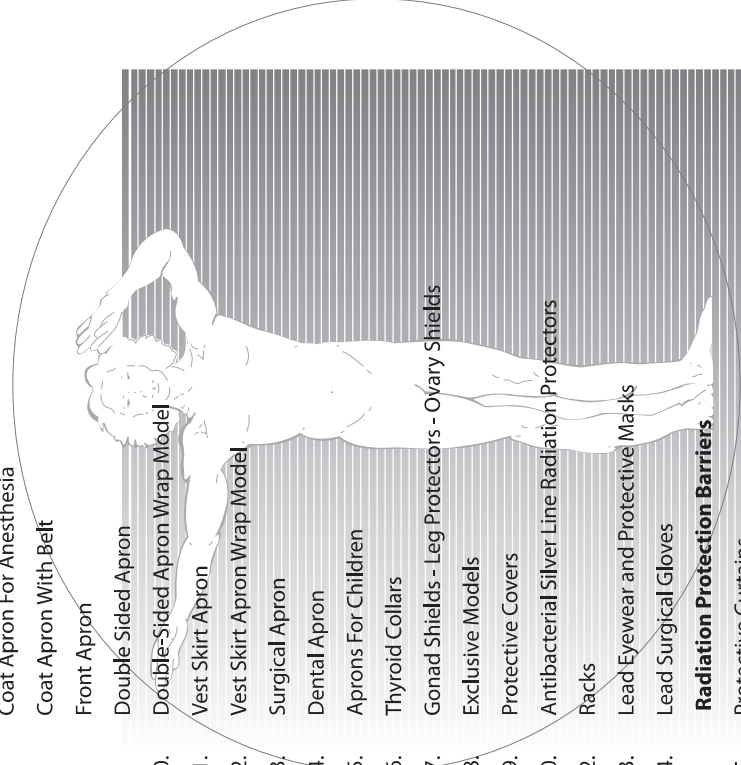
**RADIATION PROTECTION
APRONS AND RADIOLGY
ACCESSORIES**



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**CE
0120**

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Preface

Aktif Dis Ticaret was established in 1993 by the purpose of serving the medical sector.

Our first commercial activity was importing the document microfilm recorder which lets archiving easy to Turkish market. Started to representate world-famous radiology accessories manufacturers in Turkey in 1995.

Meanwhile we specialized in protective aprons by importing and distributing all over to Turkey. By the experience on this area Aktif Dis Ticaret started to manufacture protective lead and leadfree aprons with its own brand Aktif X-Ray since 2002. You can look into our Aktif X-Ray brand protective aprons and accessories, which manufactured by % 100 Turkish capital in Turkey and exported to world with warrant of Aktif Dis Ticaret, in our catalog.

We are at your service with our prioritized customer satisfaction understanding and total quality policy. Aktif X-Ray is registered to Aktif Dis Ticaret by Turkish Patent Institute.

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Quality Certificates – (SGS-ISO-UBB Authorization Certificate)



Useful Information and Recommendations

General Information about Protective Aprons

Operator should make the right selection for the protective aprons for maximum protection in order to protect his/her body's most affected area by radiation. Especially chest, upper body, gonad and thyroid areas should be protected as a priority.

Aktif X-Ray protective aprons and accessories are manufactured by following the latest technology. With the utilization of advanced radiology instruments, we manufacture modern, light-weight, flexible, including rubber mixed lead models which have high protectivity. Aktif x-ray protective aprons and accessories are designed to be favorable for long term treatments to patients.

Points to Consider During Order Process

It is highly important to wear an apron that fits on your body size.

Recommended Sizes;

Chest

- Chest dimensions for Small size 80-90 cm
- Chest dimensions for Medium size 90-104 cm
- Chest dimensions for Large size 104-120 cm

Length

- 90 cm apron is for 1.45 to 1.55 cm length
- 100 cm apron is for 1.55 to 1.60 cm length
- 110 cm apron is for 1.65 to 1.70 cm length
- 120 cm apron is for 1.75 to 1.85 cm length
- 130 cm apron is for 1.85 to 1.90 cm length

Please indicate your color preferences. Pocket, name or logo can be added upon request. Additional snap fastener or rubber belt can be added upon request. (For double sided models)

Certification

As it is directly associated with cell protection, lead and lead free radiation protection aprons are in the scope of Personal Protection Equipment Regulations/Category 3 (complex design) and must be certificated as lead and lead free. Company can add approved notified body number next to CE sign on the product tag after a notified body certificates company's production models with Article 11 A or 11 B.

Material Used

Protective Aprons and Accessories' Cover Material

Standard Fabric: Oxford type fabric which is produced especially for x-ray protection aprons with color variations shown below are used in manufacturing. This fabric is long-lasting and easy wiping in term of hygiene.

Color Options

		
Blue	Dark Blue	Gray
		
Pink	Burgundy	Green

Interior Material

The interior lead or lead free polymer rubber material used for Aktif X-Ray Protective Aprons and Accessories is imported abroad and used in accordance to international standards. Our protective aprons received appreciation in Turkey and many other countries with its high quality materials and perfect workmanship.

Our standard protective aprons and accessories are made out of a light compound which contains polymer and protective material mixture. Besides standard 0,125 mm LE, 0,175 mm LE, 0,25 mm LE protective material thicknesses, upon the customer request, we can produce aprons in different protective values.

Light Weight

This protective product we called as light weight is 22% lighter but has the same protective capability as the other brands' similar products.

Lead Free

We can use nature friendly, easy recyclable lead free material with the same protection level of leaded one in our products upon customer request

Protection Value

Light Weight and Lead Free protective materials' protection value is at 80 kV,

0,50 mm Pb protective material protection ratio %99

0,35 mm Pb protective material protection ratio %97

0,25 mm Pb protective material protection ratio %95



X-Ray Protection Apron



X-Ray Protection Apron



Fabric Color Options



Double Sided Aprons

This more preferred model is designed for long term x-ray exposure. It gives maximum comfort, flexibility and lightness to operators with easy wear and take-off feature. It can be produced with belt, thick banded and with Velcro upon customer request.

Lead

LightWeight Lead
LeadFree (optional)

Lead Equivalent

Front : 0,35 mm Pb or 0,50 mm Pb
Back: 0,25 mm Pb

Size	Front (Pb)	Back (Pb)	Length	Velcro	Belt	Snap
SMALL Shoulder Width 40 cm	0,35 mm	0,25 mm	90 cm	228	253	283
			100 cm	229	254	200
			110 cm	230	255	201
			120 cm	612	256	202
			130 cm	613	257	203
Hip Size 90-110 cm	0,50 mm	0,25 mm	90 cm	232	258	204
			100 cm	233	259	205
			110 cm	234	260	206
			120 cm	614	261	207
			130 cm	615	262	208
MEDIUM Shoulder Width 48 cm	0,35 mm	0,25 mm	90 cm	235	263	209
			100 cm	236	264	210
			110 cm	237	265	211
			120 cm	238	266	212
			130 cm	239	267	213
Hip Size 110-125 cm	0,50 mm	0,25 mm	90 cm	240	268	214
			100 cm	241	269	215
			110 cm	242	270	216
			120 cm	243	271	217
			130 cm	244	272	218
LARGE Shoulder Width 53 cm	0,35 mm	0,25 mm	100 cm	245	274	220
			110 cm	246	275	221
			120 cm	247	276	222
			130 cm	248	277	223
			100 cm	249	279	225
Hip Size 125-140 cm	0,50 mm	0,25 mm	110 cm	250	280	226
			120 cm	251	281	227
			130 cm	252	282	284



Back Side



Double Sided Apron
with Belt



Double Sided Apron
with Snap

Thyroid Collars

It is produced in order to protect the thyroid region which is one of the most effected part in human body from x-ray. It has 5 models: Standard, Hat Model, Large Hat Model, Panoramic and Children.

It is recommended operators to have their own private thyroid collar as a matter of hygiene (sweating).

The standard model can be mounted to double-sided aprons by snap fastener. It should be sewed to only Front side closed aprons

Lead

LightWeight Lead
LeadFree(optional)

Lead Equivalent
0,50 mm Pb

Model	Pb	Kod
Panoramic		316
Large Hat Style		317
Standard	0,50 mm	318
Hat Style		319
For Children		328
Hat Style Children		319/1



Hat Style Children



For Children



Standard



Hat Style



Large Hat Style

Ovary Shields and Gonad Shields

Ovary is the most sensitive regions of our bodies – where our genitals are located – to X-RAY.

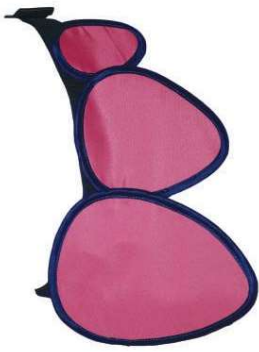
AKTIF X-RAY ovary shields provides ease for use, comfort and cleanliness and starts from 1.00 mm Pb lead level to provide the maximum protection. It is produced as 3 different models for 0-9 years , 9-16 years and over 16 years users.

Lead

LightWeight Lead
LeadFree(optional)

Lead Equivalent
1,00 mm Pb

Size	Pb	Article
Small		312
Medium	1,00 mm	313
Large		314
Set		315



Gonad Shields For Males

It must be used to protect gonad region –where our genitals are located-to X-Ray
It is produced as 3 different models for 0-9 years, 9-16 years and over 16 years users.

Lead

LightWeight Lead
LeadFree(optional)

Lead Equivalent
1,00 Pb



Size	Pb	Article
Small		324
Medium	1,00 mm	325
Large		326
Set		327

Leg Protectors

Leg protector is produced according to customer request and it has velcro fastener which enables usage for every size.

Size	Pb	Article
Standard	0,50 mm	329



Lead:
LightWeight Lead
LeadFree (optional)

Lead Equivalent
0,50 mm Pb

