



Dental

2020
PRODUCT
GUIDE

Understanding Modern Dental Protection

Despite significant advances in x-ray imaging equipment and procedures, it is still considered common practice to offer lead aprons and protective apparel to patients during dental imaging.

Even though the scope of scatter radiation and exposure time has decreased in recent years, patients simply expect to see protective apparel when x-rays are taken. There is still a perception of danger and many patients may feel apprehensive when shielding is not provided.

Educating patients on modern procedures and safety is of course extremely important. However, simply offering the option of protection may prove to be the most efficient and effective way to provide the best patient experience.

There's no such thing as too much protection with x-ray! Since radiation is accumulative, it's always important to keep any exposure to a minimum. Studies demonstrate that every x-ray a person has during their life will add to their total body load. That body load never decreases.

Certain physical variations, such as thyroid issues or pregnancy, increase the need for maximum protection. Existing thyroid issues are greatly exacerbated by any exposure to radiation. A pregnant woman should always have extra protection for a fetus if any exposure to radiation is likely.

In many areas, laws regulate the use of protective devices during any imaging procedures. Some states mandate protection at all times regardless of the procedure. Other states vary levels of protection and when they are required. It is extremely important to know the laws and regulations of your local area.

Whether certain levels of protection are absolutely necessary can be debated, one thing is clear. Any and all things that can be done to protect a patient's comfort and emotional well-being are the top priority.

Techno-Aide is proud to carry an extensive line of Dental Radiology Accessories designed to meet immediate and long term imaging and positioning needs.

With over 40 years of high quality, USA based manufacturing experience, Techno-Aide is pioneering the paths to better radiology accessories for the dental market.

Key Categories in Dental for 2020 |

Dental Guard Drapes and Thyroid Protection | PG. 2-4

Lead Blockers and Protective Lead Omni Blankets | PG. 9

Protective Apparel Storage | PG. 7

Dental-Guard Dental Drapes

Dental drape featuring a no-slip underside. Available in 0.375 or 0.250mm Pb equivalency protection. Included two hanging loops and no-slip fabric underside create a versatile dental solution.

Available in Two Sizes

Adult (A)

24" (w) x 25.5" from neck

Child (C)

18" (w) x 23.5" from neck

Two Choices of Protection

0.375mm Pb Equivalency

0.250mm Pb Equivalency

Three Types of Media

Regular Lead

Lightweight Lead

Lead-Free Media

Standard Dental-Guard Dental Drapes

0.375mm Pb Equivalent Protection

CAT#	Lead Type	Adult Price	Child Price
DDR	Regular		
DDL	Light Wt.		
DDG	Lead-Free		



0.250mm Pb Equivalent Protection

CAT#	Lead Type	Adult Price	Child Price
DFR	Regular		
DFL	Light Wt.		
DFG	Lead-Free		

Dental-Guard Dental Drapes with Sewn In Thyroid Collar

Features a sewn in thyroid collar for extra protection.

0.375mm Pb Equivalent Protection

CAT#	Lead Type	Adult Price	Child Price
DTR	Regular		
DTL	Light Wt.		
DTG	Lead-Free		

0.250mm Pb Equivalent Protection

CAT#	Lead Type	Adult Price	Child Price
DXR	Regular		
DXL	Light Wt.		
DXG	Lead-Free		



Panoramic Dental-Guard Dental Drapes

Dental drape featuring a no-slip underside. Available in 0.375 or 0.250mm Pb equivalency protection. Included two hanging loops and no-slip fabric underside create a versatile dental solution.

Available in Two Sizes

Adult (A)

19" Front x 20" Back x 19" Wide

Child (C)

12" Front x 12" Back x 12" Wide

Two Choices of Protection

0.375mm Pb Equivalency

0.250mm Pb Equivalency

Three Types of Media

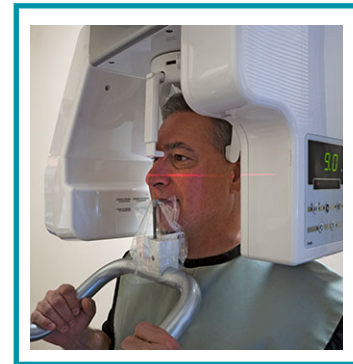
Regular Lead

Lightweight Lead

Lead-Free Media

0.375mm Pb Equivalent Protection

CAT#	Lead Type	Adult Price	Child Price
DCR	Regular		
DCL	Light Wt.		
DCG	Lead-Free		



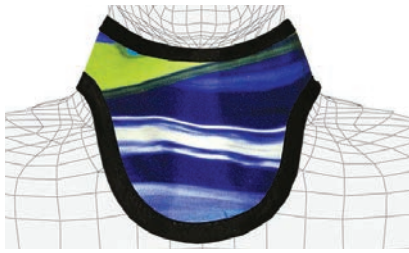
0.250mm Pb Equivalent Protection

CAT#	Lead Type	Adult Price	Child Price
DPR	Regular		
DPL	Light Wt.		
DPG	Lead-Free		

Protective Media Guide

MEDIA	BENEFITS	PROTECTION	ATTENUATION	WEIGHT
Regular Lead	Most economical and recyclable	100% Lead	0.5mm Pb Equiv. Protection avg. 97% attenuation over 80, 100, 120 KVP	9 - lbs. (based on medium front protection apron)
Lightweight Lead	Lighter than regular lead and recyclable	Lead-Tin	0.5mm Pb Equiv. Protection avg. 96.8% attenuation over 80, 100, 120 KVP	8 - lbs. (based on medium front protection apron)
Lead Free	Lightest Weight, Lead-Free, Environmentally Friendly	Tungsten-Antimony	0.5mm Pb Equiv. Protection avg. 96.6% attenuation over 80, 100, 120 KVP	7 - lbs. (based on medium front protection apron)

Thyro-Guards



Standard

Binding all around means affordable comfort and flexibility.



No Binding

No binding means extra comfort, flexibility and lighter weight.



Mid-Binding

No binding at the top means extra comfort under the chin.

0.5mm Pb Equivalent Protection

CAT. #	Lead Type
TYR	Regular
TYL	Light Wt.
TYG	Lead-Free

CAT. #	Lead Type
TNR	Regular
TNL	Light Wt.
TNG	Lead-Free

CAT. #	Lead Type
TVR	Regular
TVL	Light Wt.
TVG	Lead-Free

0.375mm Pb Equivalent Protection

CAT. #	Lead Type
TYSR	Regular
TYSL	Light Wt.
TYSG	Lead-Free

CAT. #	Lead Type
TNSR	Regular
TNSL	Light Wt.
TNSG	Lead-Free

CAT. #	Lead Type
TVSR	Regular
TVSL	Light Wt.
TVSG	Lead-Free

Attached Standard

Attached No Binding

Attached Mid-Binding

0.5mm Pb Equivalent Protection

CAT. #	Lead Type
TAR	Regular
TAL	Light Wt.
TAG	Lead-Free

CAT. #	Lead Type
TCR	Regular
TCL	Light Wt.
TCG	Lead-Free

CAT. #	Lead Type
TWR	Regular
TWL	Light Wt.
TWG	Lead-Free

0.375mm Pb Equivalent Protection

CAT. #	Lead Type
TASR	Regular
TASL	Light Wt.
TASG	Lead-Free

CAT. #	Lead Type
TCSR	Regular
TCSL	Light Wt.
TCSG	Lead-Free

CAT. #	Lead Type
TWSR	Regular
TWSL	Light Wt.
TWSG	Lead-Free

Buckle Closure Add-On

If you prefer buckle closure to regular hook & loop, add "-B" to any of the collar numbers above for an additional fee.

(Ex.: TYR-B would be extra)



Buckle closure add-on available!

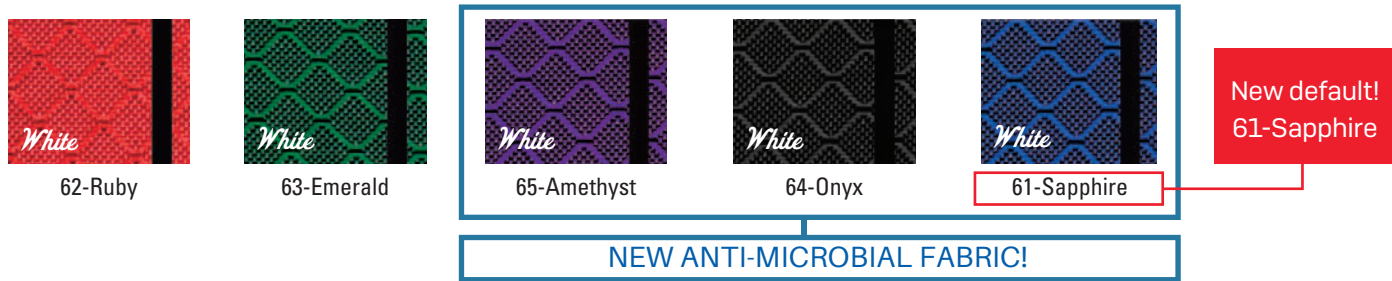
Protective Apparel Fabric Options

NYLON FABRICS

FEATHER RIPSTOP FABRIC *Light Weight Nylon, Filament Reinforced Fabric*



DIAMOND RIPSTOP FABRIC *Medium Weight Nylon, Filament Reinforced Fabric*

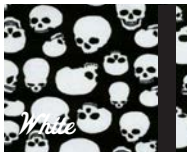


NYLON SOLIDS *Liquid Repellent, Light & Supple*



SPECIALTY FABRICS

COLORFUL PRINTS Liquid Repellent, Medium Weight



NEW 69-Skulls



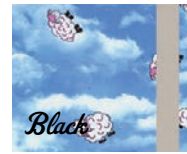
70-Blue Plaid



71-Leopard



72-Lots•0•Dots



73-Sleepy Sheep



74-Playful Pups



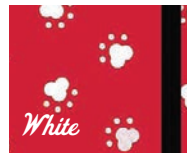
83-Cool Waves



77-Life Vines



78-Waterfall



80-Red Paws



81-Black Paws



76-Blue Paws



82-Pink Camo



85-Digital Camo



86-Camo Night

Prints are shown
SMALLER than
actual size!

TEXTURED FABRIC Textured High Tech Fabrics



15-Diamondback



16-Crocogator



18-Bronze Tech

New Premium Fabric Add-On

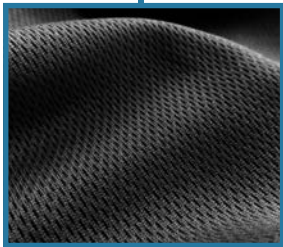
NEW Coolwear Fabric

Designed for optimum cooling comfort!

Our new Coolwear fabric add-on provides premium cooling comfort all day long! **This premium fabric can now be added to ANY garment!** The polyester mesh lining features air vented space and stretch-in-width for extreme comfort and fit. This innovative add-on is designed for ultimate performance and comfort.

- CP50 - add-on for aprons, vests, skirts, kilts, dental drapes, omni-blankets, & kiddie covers
- CP40 - add-on for half aprons and scolio-guards
- CP25 - add-on for thyroid collars, hats, & gonadal shields

Features premium comfort
with all day cooling!



Dental Drape Peg Racks

Help extend the life of your dental drape and panoramic drape aprons. Our specialty racks are just the thing for you! 6" angled pegs keep garments from slipping. All-steel, white enamel finish.

Custom sized racks may be available!

2-Peg | For 1 Dental drape/Panoramic drape

#ARP-02



4-Peg | For 2 Dental drapes/Panoramic drapes

#ARP-04



Dental Drape/Panoramic Drape Apron Hangers

Designed for dental drapes and panoramic drapes. Top hook swivels for easy hanging. 21" long chromed-steel with anti-slip tips. Use on ARM-UZNH rack, in lockers, or behind a door. Single hanger ships at 2 lbs.

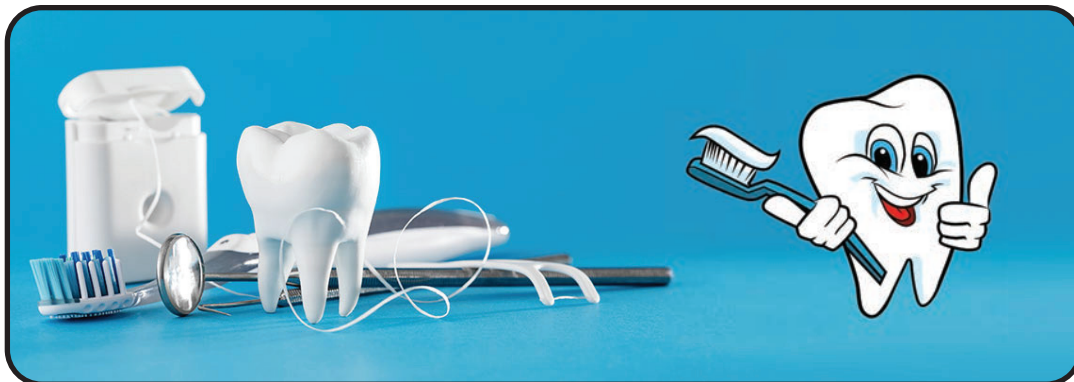
Single Hanger

#ARH-01



Set of 10 Hangers

#ARH-10



Department Signs

All signs are constructed of durable 1/8" Trovicel™, a plastic specific to the sign industry. Double-faced tape is attached to the back for mounting. Large Signs are 8" x 10". Small Signs are 4" x 10". The large MRI "Danger" Signs are 12" x 18".

<p>PREGNANT</p> <p>IF YOU ARE PREGNANT, OR THINK YOU MAY BE, TELL THE X-RAY TECHNOLOGIST BEFORE HAVING AN X-RAY TAKEN.</p>	<p>PREGNANT</p> <p>IF YOU ARE PREGNANT, OR THINK YOU MAY BE, TELL THE X-RAY TECHNOLOGIST BEFORE HAVING AN X-RAY TAKEN.</p>	<p>¿EMBARAZADA?</p> <p>SI USTED ESTA EMBARAZADA O CREE QUE LO ESTA NOTIFIQUESELO AL TECNICO ANTES DE QUE LE TOMEN LOS RAYOS-X.</p>	<p>¿EMBARAZADA?</p> <p>SI USTED ESTA EMBARAZADA O CREE QUE LO ESTA NOTIFIQUESELO AL TECNICO ANTES DE QUE LE TOMEN LOS RAYOS-X.</p>	
#PS-04EB	#PS-04ER	#PS-04SB	#PS-04SR	#NFD-22B
<p>PREGNANT</p> <p>IF YOU ARE PREGNANT, OR THINK YOU MAY BE, TELL THE X-RAY TECHNOLOGIST BEFORE HAVING AN X-RAY TAKEN.</p> <p>¿EMBARAZADA?</p> <p>SI USTED ESTA EMBARAZADA O CREE QUE LO ESTA NOTIFIQUESELO AL TECNICO ANTES DE QUE LE TOMEN LOS RAYOS-X.</p>	<p>PREGNANT</p> <p>IF YOU ARE PREGNANT, OR THINK YOU MAY BE, TELL THE X-RAY TECHNOLOGIST BEFORE HAVING AN X-RAY TAKEN.</p> <p>¿EMBARAZADA?</p> <p>SI USTED ESTA EMBARAZADA O CREE QUE LO ESTA NOTIFIQUESELO AL TECNICO ANTES DE QUE LE TOMEN LOS RAYOS-X.</p>	<p>VALUABLES</p> <p>PLEASE TAKE YOUR VALUABLES WITH YOU</p>	<p>VALUABLES</p> <p>PLEASE TAKE YOUR VALUABLES WITH YOU</p>	
#PS-08B	#PS-08R	#VS-10EB	#VS-10ER	#NFD-22R
<p>CAUTION</p> <p>X-RAY IN USE</p>	<p>CAUTION</p> <p>X-RAY IN USE</p>	<p>CUIDADO</p> <p>RAYOS-X EN USO</p>	<p>CUIDADO</p> <p>RAYOS-X EN USO</p>	
#CXR-13EB	#CXR-13ER	#CXR-13SB	#CXR-13SR	
<p>X-RAY ROOM</p>	<p>X-RAY ROOM</p>	 <p>Please Turn Off Your Cellphone -- Thank You</p>	 <p>Please Turn Off Your Cellphone -- Thank You</p>	
#XRR-19B	#XRR-19R	#NCP-24B	#NCP-24R	
<p>CAUTION</p>  <p>RADIATION</p>	<p>CUIDADO</p>  <p>RADIACION</p>	 <p>CAUTION</p> <p>RADIATION AREA</p>	 <p>CUIDADO</p> <p>AREA DE RADIACION</p>	
#CRA-15	#CRA-16	#CRA-17	#CRA-18	

More options available online!

Lead Blockers

Maximize efficiency and optimize use of receptors. Divides receptor for multiple exposures. Covered with blue vinyl laminate. Flexible vinyl-lead positions easily. Cleans easily with most common disinfectants. Provides 1.0mm Pb Equivalency shielding.

CAT#	Blocker Size	Fits Receptor
FLB-58	5" x 8" (13x18cm)	8" x 10"
FLB-52	5" x 12" (13x30cm)	10" x 12"
FLB-61	6" x 10" (15x24cm)	10" x 12"
FLB-71	7" x 11" (18x28cm)	11" x 14"
FLB-77	7" x 17" (18x43cm)	14" x 17"
FLS-78	Set of FIVE listed above	



NEW SIZES!

CAT#	Blocker Size	Fits Receptor
FLB-74	14" x 14" (28x28cm)	14" x 14"
FLB-90	14" x 17" (28x43cm)	14" x 17"
FLB-17	17" x 17" (43x43cm)	17" x 17"



Omni-Guard | Protective Flexible Shield

Used over a patient or equipment, protects from radiation exposure. Used underneath a patient, prevents scatter radiation. All purpose covering for patients or equipment.

Choose any color fabrics on PGS. 5 & 6!

Size	Width x Length
S	18" x 18"
M	24" x 24"
L	24" x 36"
X	24" x 48"



0.5mm Pb Equivalency

CAT. #	Lead Type	Small	Medium	Large	X-Large
OMR	Regular				
OML	Light Wt.				
OMG	Lead-Free				

0.375mm Pb Equivalency

CAT. #	Lead Type	Small	Medium	Large	X-Large
OMSR	Regular				
OMSL	Light Wt.				
OMSG	Lead-Free				

Custom Omni-Guards

Don't see the size you need? We are happy to provide a quote based on your needs! Simply fill out the information below and submit for a quote today!

Customer Information	
Name	
Phone Number	
Contact Email	
Address Line 1	
Address Line 2	

Cutstom Omni-Guard Information	
Length (in.)	
Width (in.)	
Grommets (Y/N)	
Tabs (Y/N)	
Drape Color (PG. 5-6)	

*Desired location and distance between grommets (maximum width of 48") must be noted on any Omni-Guard add-on order.



ADMINISTRATION/MANUFACTURING

7117 Centennial Blvd. Nashville, TN 37209

Orders can be placed online or sent to orders@techno-aide.com

For official Quotes: quotes@techno-aide.com

Any questions can be directed to customerservice@techno-aide.com

P: 800.251.2629 or 615.350.7030

F: 800.554.6275 or 615.350.7879

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