

 **Instructions for Use**

**REF** FOLLOWING ARE OFFERED IN LEAD (Item # + Color), LIGHTWEIGHT (Item # +LW+ Color), LIGHTWEIGHT WITH THYROID COLLAR (Item # +TC+ Color), THYROID COLLAR, SOFT-T COLLAR, GONAD SHIELD, GONAD SHIELD SET, BREAST/SCOLIOSIS STOLE, PRO-TEK-TO PAD, GLOVES:



**REF** 65025, 65021, 65023, 65026, 65027,  
66001, 66002, 66003

**EASY WRAP APRON  
(ADULT AND PEDIATRIC)**



**REF** 66081, 66082, 66083, 66084,  
66077, 66078, 66079, 66080

**APRON & VEST**



**REF** 63073, 63001, 63011, 63012, 63013

**COAT APRON**



**REF** 69095, 69096, 69097, 69098  
**APRONETTE**



**REF** 62008, 62018, 62019, 62020, 62021

**CONVENTIONAL APRON**



**REF** 68091, 68093, 68095, 68096, 68097, 69001,  
69002, 69003

**FRONT CLOSING SPECIAL PROCEDURE  
APRON (Adult & Pediatric)**



REF 67086, 67087, 67088, 67089, 67090  
**SPECIAL PROCEDURE APRON**



REF 68094, 68098, 68099, 68100, 68101  
**QUICK DROP APRON**



REF 75060, 75070  
**THYROID COLLAR, SOFT-T THYROID COLLAR**



REF 75500-23, 75501-22  
**GONAD SHIELD, GONAD SHIELD SET**



REF 75080-22  
**BREAST/SCOLIOSIS STOLE**



REF 75057  
**PRO-TEK-TO PAD**



REF 12419, 12422  
**GLOVES**

**REF FOLLOWING ARE OFFERED THROUGH FLOW DENTAL IN LEAD (Item # + Color)  
LEAD PROTECTIVE FLOW DENTAL X-RAY APRON/THYROID COLLAR**



REF #75050  
Adult Bib



REF #75051  
Adult Bib  
w/ Collar



REF #75053  
Child Bib  
w/ Collar



REF #75056  
Thyroid  
Collar



REF #75061  
Adult  
Panoramic



REF #75062  
Child  
Panoramic



REF #75090  
CBCT  
Pano Cape  
w/ Collar



REF #75091  
CBCT  
Pano Cape



1. Indication for Use  
Personal Protective Equipment (PPE) is intended to protect the wearer against exposure to x-ray radiation.
2. Instruction for Use  
Product is designed to be placed on the user by a trained medical professional. Always follow internal procedures regarding this device. Should you have any questions regarding proper use, consult a radiation physicist or radiologist prior to use.
3. Cleaning and Disinfection: Refer to the CDC guidelines for disinfecting of environmental surfaces (<https://www.cdc.gov/infectioncontrol/guidelines/index.html>).  
We recommend spot cleaning the surface of the PPE as needed. To spot clean the surface:
  - Use a soft bristle brush and a water-diluted mild soap solution (NEVER use bleach, hard chemicals or solvents),
  - Isopropyl alcohol may be used for disinfecting purposes or to treat stubborn stains.
  - Wipe the area gently with water and hang flat to dry. (NEVER machine launder, dry clean or autoclave)
  - The following wipes may be used according to their product directions for use: Clorox Hydrogen Peroxide Cleaner Disinfectant Wipes, Sani-Cloth AF3 wipes (Grey Top), or Revolution Scrubbles Apron Cleaner
4. Storage, Handling & Disposal Instructions 

Do not fold or crease the apron. Always store flat on a PPE storage rack or hanger when not in use. If transporting, use a tubular-shaped carrying bag (Wolf X-Ray stock #61100) or the original box. Lead aprons should be disposed of according to applicable local government laws.
5. Inspection 

Lead aprons should be checked fluoroscopically at regular intervals (at least once a year) as standard practice. Even a slight crack in the lead core material can render the apron damaged, which can expose the user to radiation. Replacement should be considered every 18-24 months, depending on the amount of usage and general wear and tear.
6. Limitations **LOT**

PPE is not intended for nuclear or gamma use. Products contain a sewn-in permanent label stating the product's protection level, material lot number, and the original date of manufacture. Do not remove the label.
7. Warnings
 

Follow all internal procedures regarding the use of these devices. If questions arise regarding proper use, consult a radiation physicist or radiologist prior to use. Improper use of this device may expose a person to unwanted levels of X-radiation. PPE containing lead are environmentally hazardous. PPE is to be disposed of according to local laws.

		REGULAR LEAD				LIGHTWEIGHT LEAD	
		0.25mm	0.30mm	0.35mm	0.50mm	0.25mm	0.50mm
<i>Area Density (Ws)</i>		<i>Ws 3.42</i>	<i>Ws 4.23</i>	<i>Ws 4.62</i>	<i>Ws 6.84</i>	<i>Ws 3.21</i>	<i>Ws 6.48</i>
Modified Broad Beam Geometry (BBG*)	50 kVp	0.251	0.309	0.335	0.515	0.242	0.538
	60 kVp	0.255	0.313	0.339	0.515	0.256	0.544
	70 kVp	0.256	0.314	0.341	0.516	0.260	0.545
	80 kVp	-	-	0.340	-	-	-
	90 kVp	0.258	0.318	0.343	0.518	0.265	0.545
	110 kVp	0.257	0.315	0.341	0.525	0.254	0.518
	150 kVp	0.261	0.319	0.344	0.519	-	-

9. Regulatory Information 

Made in the USA. Wolf X-Ray and Flow Dental PPE are manufactured to meet EU 2016/425 regulation. EU type-examination (Module B) and conformity to type based on quality assurance of the production process (Module D) conducted by Notified Body 0598, SGS Fimko Oy, Takomotie 8, FI-00380, Helsinki, Finland. Wolf X-Ray and Flow Dental PPE are tested and manufactured to meet IEC 61331-1:2014 and IEC 61331-3:2014 standards. Pictograms meet ISO 15223-1:2021 standard. Wolf X-Ray Corp. and (dba Flow Dental) is an ISO 13485:2016 certified company. To view an EU Declaration of Conformity please visit [www.wolfxray.com](http://www.wolfxray.com) [www.flowdental.com](http://www.flowdental.com)

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