

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**



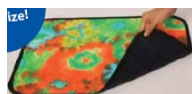
REF 75500-23, 75501-22

GONAD SHIELD, GONAD SHIELD SET



REF 75080-22

BREAST/SCOLIOSIS STOLE



REF 75057

PRO-TEK-TO PAD






REF 12419, 12422

GLOVES



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



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 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 contains 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 radiation physicist or radiologist prior to use. Improper use of this device may expose person to unwanted levels of X-radiation. PPE containing lead are environmentally hazardous. PPE is to be disposed of according to local laws.



8. Performance

		REGULAR LEAD				LIGHTWEIGHT LEAD		
		0.25mm	0.30mm	0.35mm	0.50mm	0.25mm	0.30mm	0.50mm
Area Density (<i>Ws</i>)		<i>Ws</i> 3.38	<i>Ws</i> 4.15	<i>Ws</i> 4.53	<i>Ws</i> 6.76	<i>Ws</i> 3.24	<i>Ws</i> 3.79	<i>Ws</i> 6.48
BBG METHOD Measured LEV	50 kVp	0.236	0.304	-	0.472	0.246	0.280	0.492
	60 kVp	0.242	0.310	-	0.484	0.253	0.284	0.506
	70 kVp	0.243	0.310	0.337	0.486	0.254	0.286	0.508
	80 kVp	0.245	-	0.340	0.490	-	0.289	-
	90 kVp	0.245	0.312	-	0.490	0.255	0.289	0.510
	100 kVp	0.247	-	-	0.494	-	-	-
	110 kVp	0.245	0.311	-	0.490	0.251	0.285	0.502
	120 kVp	0.249	-	-	0.498	-	-	-
	150 kVp	0.250	-	-	0.500	-	-	-

9. Regulatory Information

Made in 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 a EU Declaration of Conformity please visit www.wolfxray.com www.flowdental.com



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