



PROTECH LEADED EYEWEAR INC,  
DBA PROTECH MEDICAL

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## ATTENUATION RESULTS: PROLITE LEAD FREE

**TESTING STANDARD:** ASTM 2547-18  
**MATERIAL TESTED:** X-ray Protective Material "Prolite Lead Free"  
**SAMPLE TYPE:** 0.25, 0.35, 0.50, 1.0mm Pb (3 samples of every type)  
**EXAMINER:** R. Preis, Dr. H. Eder  
**DATE OF TESTING:** November 27th, 2018  
**REFERENCE NO.:** #0019-18

### ATTENUATION %

AREA WEIGHT SELECTED FROM 3 SAMPLES (+/- 3%)	TESTING	AL-HVL MM	0.25MM PB	0.35MM PB	0.50MM PB	1.00MM PB
0.25mm - 3.19 kg/m <sup>2</sup>	60kV	2.9mm	96.61%	99.11%	99.68%	nn
0.35mm - 4.79 kg/m <sup>2</sup>	70kV	3.3mm	94.23%	97.92%	99.04%	99.93%
0.50mm - 6.06 kg/m <sup>2</sup>	80kV	4.0mm	91.18%	96.06%	97.87%	99.75%
1.00mm - 11.73 kg/m <sup>2</sup>	90kV	4.3mm	87.91%	93.87%	96.33%	99.36%
	100kV	5.2mm	84.99%	91.79%	94.83%	98.94%
	110kV	5.5mm	82.44%	89.95%	93.47%	98.55%
	120kV	6.3mm	79.99%	88.10%	92.01%	98.06%
	130kV	6.7mm	77.73%	86.28%	90.54%	97.46%

The undersigned, being a high level representative of Protech, hereby states that the above x-ray protective materials were taken as a random sampling from Protech's inventory and tested in accordance with industry standard ASTM testing methods.

Signature

President

Title

01/30/19

Date