

TABLE IV.
HALF-VALUE LAYER FOR SELECTED kVp

X-ray tube voltage (kilovolt peak)		Minimum HVL (mm of aluminum)	Minimum HVL (mm of aluminum)
Designed operating range	Measured operating potential	X-ray systems (except dental) manufactured before June 10, 2006	X-ray systems (except dental) manufactured on or after June 10, 2006
Below 51 <u>kVp</u>	30	0.3	0.3
	40	0.4	0.4
	50	0.5	0.5
51 to 70 <u>kVp</u>	51	1.2	1.3
	60	1.3	1.5
	70	1.5	1.8
Above 70 <u>kVp</u>	71	2.1	2.5
	80	2.3	2.9
	90	2.5	3.2
	100	2.7	3.6
	110	3.0	3.9
	120	3.2	4.3
	130	3.5	4.7
	140	3.8	5.0
150	4.1	5.4	