

CARESTREAM EXPOSURE (R) FACTORS:

Optical density and overall radiographic image quality depend on adhering to the manufacturer's recommendations for processing conditions. Carestream's processing recommendations have been set to optimize film speed, film contrast and base + fog density in particular.

For a given film, another starting point for determining the amount of exposure (R) to produce a desired optical density is the film's factor (R). R-factors for current INDUSTREX films are shown in the following tables:

Selenium

Speed	AGFA Equivalent	Fuji Equivalent	Density			
			2.0	2.5	3.0	3.5
AA400	D7	IX100	0.8	1.2	1.6	2.0
T200	D5	IX80	1.4	1.8	2.2	2.6
MX125	D4	IX50	2.2	2.9	3.6	4.4
M100	D3		3.6	4.6	5.5	6.5

Iridium

Speed	AGFA Equivalent	Fuji Equivalent	Density			
			2.0	2.5	3.0	3.5
AA400	D7	IX100	0.8	1.1	1.5	1.9
T200	D5	IX80	1.1	1.5	2.0	2.4
MX125	D4	IX50	2.3	3.1	3.9	4.7
M100	D3		3.2	4.3	5.5	6.6

Cobalt

Speed	AGFA Equivalent	Fuji Equivalent	Density			
			2.0	2.5	3.0	3.5
AA400	D7	IX100	1.2	1.8	2.4	2.9
T200	D5	IX80	2.3	3.1	3.9	4.7
MX125	D4	IX50	3.9	5.3	6.7	7.9
M100	D3		7.3	9.3	11.4	13.4