

Large Format Photography

BELLOWS EXTENSION FACTORS

<u>F/STOP</u> <u>INCREASE</u>	<u>65MM</u>	<u>75MM</u>	<u>90MM</u>	<u>150MM</u>	<u>210MM</u>	<u>300MM</u>
1/3	74mm	85mm	102mm	171mm	239mm	341mm
1/2	78mm	91mm	109mm	184mm	254mm	362mm
2/3	83mm	96mm	115mm	191mm	268mm 280	383mm
1	92mm	106mm	127mm	212mm	297mm	424mm
1 1/3	105mm	121mm	145mm	241mm	338mm	483mm
1 1/2	113mm	130mm	156mm	260mm	364mm	520mm
1 2/3	117mm	135mm	162mm	271mm	379mm	541mm
2	130mm	150mm	180mm	300mm	420mm	600mm
2 1/3	152mm	175mm	210mm	350mm	490mm	700mm
2 1/2	163mm	188mm	225mm	375mm	525mm	750mm
2 2/3	173mm	200mm	240mm	400mm	560mm	800mm
3	195mm	225mm	270mm	450mm	630mm	900mm
3 1/3	217mm	250mm	300mm	500mm	700mm	1000mm
3 1/2	228mm	263mm	315mm	525mm	735mm	1050mm
3 2/3	238mm	275mm	330mm	550mm	770mm	1100mm
4	260mm	300mm	360mm	600mm	840mm	1200mm
4 1/3	303mm	350mm	420mm	700mm	980mm	1400mm
4 1/2	325mm	375mm	450mm	750mm	1050mm	1500mm
4 2/3	347mm	400mm	480mm	800mm	1120mm	1700mm

If you do not have a ruler with millimeters on it divide the number by 25 to convert to inches. A 90mm lens equals 3.5 inches, a 210 mm lens is 8 inches.