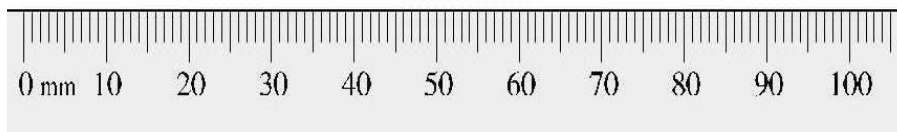


# HP Color Laser Repetitive Defect Ruler

	Drum (F)	Black Magnetic/ Developer (F)	Color Magnetic/ Developer Roller (F)	PCR (F)	Upper Fuser (F)	Lower Fuser (B)	Transfer/ T1 Transfer (B)	T2 Transfer	ITB Cleaning Roller	Toner Feed Roller	Media Attaching Roller	Transfer Belt	Transfer Belt Drive Roller	Toner Charge Roller	Registration Roller 1	Registration Roller 2
1500	148.0	34.0	34.0	40.0	76.0	67.0	44.0	57.0					89.0	89.0		
2500	148.0	34.0	34.0	40.0	76.0	67.0	44.0	57.0					89.0	89.0		
2550	148.0	34.0	34.0	40.0	76.0	67.0	44.0	57.0					89.0	89.0		
2600	75.4	24.7	24.7	26.7	56.6	62.8	37.7				32.9			54.5		
2820	148.0	34.0	34.0	40.0	76.0	67.0	44.0	57.0					89.0	89.0		
3000	76.0	27.0	27.0	27.0	75.0	79.0	44.0								35.0	36.0
3500	77.0	38.0	38.0	26.0	75.0	41.0									44.0	41.0
3550	77.0	38.0	38.0	26.0	75.0	41.0									44.0	41.0
3600	76.0	27.0	27.0	27.0	75.0	79.0	44.0								35.0	36.0
3700	77.0	38.0	38.0	26.0	75.0	41.0									44.0	41.0
3750	77.0	38.0	38.0	26.0	75.0	41.0									44.0	41.0
3800	76.0	27.0	27.0	27.0	75.0	79.0	44.0								35.0	36.0
4500	152.0	38.0	30.0	40.0	132.0		53.0		40.0							
4550	152.0	38.0	30.0	40.0	132.0		53.0		40.0							
4600	94.0	33.0	38.0	38.0	107.0	63.0	75.0			38.0	38.0			14.0		
4610N	94.0	33.0	33.0	38.0	107.0	63.0	75.0			38.0	38.0			14.0		
4650	94.0	33.0	33.0	38.0	107.0	63.0	75.0			38.0	38.0			14.0		
4700/4730	94.2	34.3	38.5	37.7	76.6	81.0	37.7			42.7	75.0				47.0	55.0
5500/5550	94.4	50.0	50.0	38.0	107.0	63.0	82.0			43.0	38.0			14.0		
9500	98.0	27.0	30.0	45.0	148.0	140.0	52.0	71.0	100.0							

(F) Front of Page (B) back of page

\* This chart is used for locating the cause of images, which repeat at equal intervals. These intervals may not appear at the same place on each page. Once you have located the repeating defects, measure the distance between them. Then locate the number under the corresponding cause. Many defects repeat several times per page. Print at full page to achieve ruler accuracy



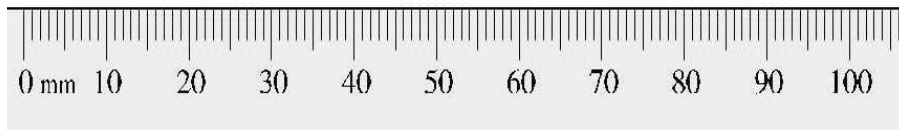
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# HP Color Laser Repetitive Defect Ruler

	Drum (F)	Black Magnetic/ Developer (F)	Color Magnetic/ Developer Roller (F)	PCR (F)	Upper Fuser (F)	Lower Fuser (B)	Transfer/ T1 Transfer (B)	T2 Transfer	ITB Cleaning Roller	Toner Feed Roller	Media Attaching Roller	Transfer Belt	Transfer Belt Drive Roller	Toner Charge Roller	Registration Roller 1	Registration Roller 2
500 M551	75.5	32.0	32.0	27.0	77.0	78.0			44.0	50.0	63.0					
CM1015	75.4	24.7	24.7	26.7	56.6	62.8	37.7				32.9			54.5		
CM1017	75.4	27.4	24.7	26.7	56.6	62.8	37.7				32.9			54.5		
CM4540	76.0	32.0	32.0	27.0	76.0	80.0	51.0	44.0								
CP1215	75.8	22.3	22.3	26.7	56.5	56.8	57.0			28.5		633.6			44.0	
CP1518	75.8	22.3	22.3	26.7	56.5	56.8	57.0			28.5		633.6			44.0	
CP2020	75.0	22.0	22.0	38.0	58.0	63.0	58.0	78.0								
CP3505	76.0	27.0	27.0	75.0	79.0	44.0									35.0	36.0
CP3525	75.5	32.0	32.0	27.0	77.0	78.0	44.0	50.0	76.0	49.0					63.0	
CP4005	94.2	34.3	38.5	37.7	76.0	81.0	37.7			42.7	75.0				47.0	55
CP4520	76.0	32.0	32.0	27.0	76.0	80.0	51.0	44.0		48.0						
CP5225	94.0	42.0	42.0	35.0	76.0	76.9	50.0	60.0								
CP5525	94.0	42.0	42.0	35.0	76.0	76.9	50.0	60.0								
CP6015	94.0	36.0	36.0	40.0	148.0	144.0	50.0	71.0					82.0			
PRO CM1415	75.8	22.3	22.3	26.7	56.5	56.8	57.0			28.5		633.6		44.0		
PRO CP1025	95.0	22.0	22.0	26.0	58.0	63.0	47.0		76.0							
PRO M177	95.0	22.0	22.0	26.0	58.0	63.0	47.0		76.0							
PRO 200 M251	75.8	22.3	22.3	26.7	56.5	56.8	57.0			28.5						
PRO 300/400	75.0	22.0	22.0	38.0	58.0	63.0	58.0		78.0					44.0		

(F) Front of Page (B) back of page

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