

Yield Reporting Form:

HP Color LaserJet Pro M154 and HP Color LaserJet Pro MFP M180/M181 Introductory cartridge models CF510A-CF513A/ CF530A-CF533A

Declared ISO Yield

Toner cartridge yield:Average composite CMY cartridge yield **700** standard pages¹Average K cartridge yield **800** standard pages¹

Declared yield value in accordance with ISO/IEC 19798 based on continuous printing.

Calculated test values

90% lower confidence limit ¹	
HP 204A Cyan LaserJet Toner Cartridge (CF511A)	1,332 pages
HP 204A Magenta LaserJet Toner Cartridge (CF513A)	1,019 pages
HP 204A Yellow LaserJet Toner Cartridge (CF512A)	899 pages
Composite CMY	1,055 pages
HP 204A Black LaserJet Toner Cartridge (CF510A)	1,028 pages

Test date: beginning	2017/8/26
Test dates: ending	2017/10/10
Number of cartridges used in testing	48
Number of cartridges used in calculations	C=12, M=12, Y=12, K=12 (Total=48)
Type of cartridge	All-in-one
Shake procedure used?	No
Print mode	Continuous
MPACCO Mode	Off
Number of engines used in testing	4
Media	A4 Double-A
Paper size	A4
Paper feed orientation	Short edge
Computer model	vSphere Client virtual machine
Operating system	Microsoft Windows 7 Enterprise with SP1
Application software	HP Direct Print
Print driver version	8.00.1329.4359
Connection type	network
Test page version	ISO-IEC 24712
Power on/off every day	No

Engine serial numbers:	Engine Firmware Version:
NVC3P00016	20170510
NVC3P00009	20170510
VNC4200021	20170510
VNC4200013	20170510

Cartridge testing data

Test environmental limits:

	Temperature	Humidity
	°C	%RH
Max running average	23.6	49
Min running average	23.2	47
Average	23.2	48

Cyan (CF511A_Starter) in HP CLJ M154/MFP M180/M181				Magenta (CF513A_Starter) in HP CLJ M154/MFP			
Average:		1,377		Average:		1,079	
Standard Deviation:		87		Standard Deviation:		115	
90% LCB:		1,332		90% LCB:		1,019	
Cartridge#	Lot Code	Engine SerNo	Cartridge Yield	Cartridge#	Lot Code	Engine SerNo	Cartridge Yield
CF511A-1	7G22H1BaN	NVC3P00016	1,350	CF513A-1	7G20H3BaN	NVC3P00016	925
CF511A-2	7G22H1BaN	NVC3P00009	1,225	CF513A-2	7G20H3BaN	NVC3P00009	1,050
CF511A-3	7G22H1BaN	VNC4200021	1,300	CF513A-3	7G20H3BaN	VNC4200021	1,100
CF511A-4	7G22H1BaN	VNC4200013	1,300	CF513A-4	7G20H3BaN	VNC4200013	1,000
CF511A-5	7H04H1BaN	NVC3P00016	1,425	CF513A-5	7H05H1BaN	NVC3P00016	1,050
CF511A-6	7H04H1BaN	NVC3P00009	1,375	CF513A-6	7H05H1BaN	NVC3P00009	1,000
CF511A-7	7H04H1BaN	VNC4200021	1,400	CF513A-7	7H05H1BaN	VNC4200021	1,025
CF511A-8	7H04H1BaN	VNC4200013	1,375	CF513A-8	7H05H1BaN	VNC4200013	975
CF511A-9	7H21H2AaN	NVC3P00016	1,425	CF513A-9	7H19H1AaN	NVC3P00016	1,125
CF511A-10	7H21H2AaN	NVC3P00009	1,325	CF513A-10	7H19H1AaN	NVC3P00009	1,125
CF511A-11	7H21H2AaN	VNC4200021	1,475	CF513A-11	7H19H1AaN	VNC4200021	1,325
CF511A-12	7H21H2AaN	VNC4200013	1,550	CF513A-12	7H19H1AaN	VNC4200013	1,250

Yellow (CF512A_Starter) in HP CLJ M154/MFP M180/M181				Black (CF510A_Starter) in HP CLJ M154/MFP 180/M181			
Average:		917		Average:		1,100	
Standard Deviation:		34		Standard Deviation:		139	
90% LCB:		899		90% LCB:		1,028	
Cartridge#	Lot Code	Engine SerNo	Cartridge Yield	Cartridge#	Lot Code	Engine SerNo	Cartridge Yield
CF512A-1	7G23H2BaN	NVC3P00016	900	CF510A-1	7G27H2BaN	NVC3P00016	950
CF512A-2	7G23H2BaN	NVC3P00009	825	CF510A-2	7G27H2BaN	NVC3P00009	900
CF512A-3	7G23H2BaN	VNC4200021	950	CF510A-3	7G27H2BaN	VNC4200021	950
CF512A-4	7G23H2BaN	VNC4200013	950	CF510A-4	7G27H2BaN	VNC4200013	950
CF512A-5	7H04H2BaN	NVC3P00016	900	CF510A-5	7H05H2BaN	NVC3P00016	1,075
CF512A-6	7H04H2BaN	NVC3P00009	925	CF510A-6	7H05H2BaN	NVC3P00009	1,125
CF512A-7	7H04H2BaN	VNC4200021	900	CF510A-7	7H05H2BaN	VNC4200021	1,200
CF512A-8	7H04H2BaN	VNC4200013	925	CF510A-8	7H05H2BaN	VNC4200013	1,050
CF512A-9	7H16H3AaN	NVC3P00016	925	CF510A-9	7H20H1AaN	NVC3P00016	1,225
CF512A-10	7H16H3AaN	NVC3P00009	925	CF510A-10	7H20H1AaN	NVC3P00009	1,275
CF512A-11	7H16H3AaN	VNC4200021	925	CF510A-11	7H20H1AaN	VNC4200021	1,250
CF512A-12	7H16H3AaN	VNC4200013	950	CF510A-12	7H20H1AaN	VNC4200013	1,250

¹ In an ISO report commonly two values are listed: declared ISO yield and calculated test values. Generally, the calculated test values are higher than the declared ISO yield. Actual cartridge yields vary considerably based on content of images printed and other factors. For more information visit www.hp.com/go/learnaboutsupplies.