

Yield Reporting Form for HP Inc. Toner Supplies Solutions Group:**HP LaserJet Pro 4001, HP LaserJet Pro 4002, HP LaserJet Pro MFP 4101 and HP LaserJet Pro MFP 4102 with cartridge model W1480A, W1490A****Declared ISO yield****Toner cartridge yield****Average cartridge yield 2,900 standard pages¹***Declared yield value in accordance with ISO/IEC 19752 based on continuous printing.**The results within this report relate only to the items tested as identified in this report.***Calculated test values**

Average ¹	3,562
Standard Dev.	194
90% lower confidence limit ¹	3,461

Test date: beginning	4/13/2022
Test dates: ending	4/20/2022
Number of cartridges used in testing	12
Number of cartridges used in calculations	12
Type of cartridge	Hewlett Packard W1480A All-in-one
Shake procedure used?	Yes, at first and second fade
Print mode	Continuous
Job size	150 pages per job to 2750 pages, 25 thereafter
Number of engines used in testing	4
Media	HP Multipurpose
Paper size	Letter
Paper feed orientation	Short edge
Computer model	vSphere Client virtual PC
Operating system	Microsoft Windows 10
Application software or HP Direct Print	Adobe Reader DC
Print driver version or HP Direct Print	HP Universal Print PCL 6
Connection type	network
Test page version*	ISO-IEC 19752
Power on/off every day	No

Printer Product Numbers	Engine serial numbers:	Engine Firmware Version:
HP LaserJet Pro 4001dn	PHBHP00049	YOSHINXXXN001.2148H.00
HP LaserJet Pro 4001dn	PHBHP00051	YOSHINXXXN001.2148H.00
HP LaserJet Pro MFP 4101fdn	CN3RPDR4NT	LOCHSAXXXN001.2148H.00
HP LaserJet Pro MFP 4101fdn	CN3RPDR5HP	LOCHSAXXXN001.2148H.00

*filename: Download_Free____19752_Test_Chart____.pdf from ISO SC28 website

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Cartridge testing data

Test environmental limits:	Temperature	Humidity
	°C	%RH
Max running average	23.1	50
Min running average	22.9	50
Average	23.0	50

W1480A	HP LaserJet Pro 4001 and HP LaserJet Pro MFP 4101		
Cartridge	Lot Code	Engine SerNo	Cartridge Yield
W1480A-01	1J14H1Ab	PHBHP00049	3,842
W1480A-02	1J14H1Ab	PHBHP00051	3,574
W1480A-03	1J14H1Ab	CN3RPDR4NT	3,785
W1480A-04	1J14H1Ab	CN3RPDR5HP	3,708
W1480A-05	1J28H1Ab	PHBHP00049	3,407
W1480A-06	1J28H1Ab	PHBHP00051	3,423
W1480A-07	1J28H1Ab	CN3RPDR4NT	3,421
W1480A-08	1J28H1Ab	CN3RPDR5HP	3,383
W1480A-09	1K09H1Ab	PHBHP00049	3,504
W1480A-10	1K09H1Ab	PHBHP00051	3,886
W1480A-11	1K09H1Ab	CN3RPDR4NT	3,325
W1480A-12	1K09H1Ab	CN3RPDR5HP	3,488

¹ In an ISO report two values are commonly 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.