



# HP 90A Black Original LaserJet Toner Cartridge (CE390A)

## Overview



**HP 90A LaserJet Toner Cartridge, black. Average cartridge yields 10,000 standard pages[6]**

Increase office efficiency—produce professional-quality documents consistently. Print at high speeds without sacrificing quality, and get increased energy-savings.[2] Original HP toner cartridges are designed for optimal performance with HP printers.

### Maximize uptime with Original HP toner cartridges.

Optimize printing performance with enhanced HP toner.

### Print responsibly and easily recycle cartridges.

Original HP LaserJet toner cartridges with energy-efficient toner enable an energy savings of over 18% on every page you print. [2]

### Achieve professional-quality, time after time.

Make a professional impression with bold, crisp text and sharp, black graphics.

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[2] Energy savings based on comparing conventional toner and print system used in HP LaserJet M4345 MFP series with energy-efficient HP toner and print system used in HP LaserJet Enterprise M4555 MFP series. Testing per Energy Star Typical Electricity Consumption test. Actual savings may vary.

[6] Declared yield based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

## Specifications

<b>Print Cartridge/Bottle, Color(s)</b>	Black
<b>Technology</b>	Laser
<b>Supply Type</b>	Cartridges
<b>Operating Temperature Range (celsius)</b>	10 to 32.5°C
<b>Storage Temperature Range (celsius)</b>	-20 to 40°C
<b>Operating Humidity Range</b>	20 to 80% RH
<b>Non-operating Humidity Range</b>	10 to 90% RH
<b>Print Resolution Technologies</b>	Smart
<b>Printing Material Shelf Life</b>	Not applicable
<b>Compatibility Statement</b>	HP LaserJet Enterprise M4555 MFP series, HP LaserJet Enterprise 600 M601/M602/M603 series
<b>Product Count Per Unit</b>	1
<b>Quantity Per Pallet</b>	45
<b>Quantity Per European Pallet</b>	36
<b>Cartons Per Pallet</b>	45
<b>UPC Number</b>	884962517758
<b>Pallet Barcode</b>	Not applicable
<b>Product Dimensions (metric)</b>	391 x 193 x 300 mm
<b>Product Dimensions (imperial)</b>	15.39 x 7.60 x 11.81 in
<b>Package Dimensions (metric)</b>	391 x 193 x 300 mm
<b>Package Dimensions (imperial)</b>	15.39 x 7.60 x 11.81 in
<b>Pallet Dimensions (metric)</b>	1173 x 965 x 1044 mm
<b>Pallet Dimensions (imperial)</b>	46.2 x 38.0 x 41.1 in
<b>Package Weight (metric)</b>	~2.47 kg
<b>Package Weight (imperial)</b>	~5.43 lb
<b>Pallet Weight (metric)</b>	131.7 kg
<b>Pallet Weight (imperial)</b>	289.5 lb
<b>Page Yield</b>	10000
<b>Average Page Yield For A4 Format, Black and White</b>	~10,000 pages
<b>What Is In The Box</b>	1 Cartridge
<b>Manufacturer Warranty</b>	This HP product is warranted to be free from defects in materials and workmanship.

## Additional specifications

<b>Automation Feature Photo 01</b>	<a href="https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c06492405.jpg">https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c06492405.jpg</a>
<b>Business Filter</b>	cMPS
<b>Cartons Per Layer</b>	15
<b>Cartridge Color</b>	Black
<b>Cartridge Package Selectability</b>	90A
<b>Compatibility Headline</b>	HP 90 toner cartridges work with:
<b>Component Type</b>	Cartridges
<b>Count of Cartons per Pallet Layer (European Pallet)</b>	12
<b>Count of Layers In Pallet</b>	3
<b>Datasheet Feature Photo 02</b>	<a href="https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c06492405.jpg">https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c06492405.jpg</a>
<b>Euro Pallet Weight (metric)</b>	109.4 kg
<b>European Pallet Dimensions (metric)</b>	1173 x 772 x 1049 mm
<b>European Pallet ITF-14 Unit Code</b>	Not applicable
<b>Mono Yield</b>	10000
<b>Operating Temperature Range (fahrenheit)</b>	50 to 90.5°F
<b>Package Count</b>	1
<b>Page Yield (black)</b>	1 Black (~10,000 pages)
<b>Page Yield Footnote</b>	Approximate average yield based on ISO/IEC 19752. Actual yield varies considerably based on content of printed pages and other factors. For details see <a href="http://www.hp.com/go/learnaboutequipment">http://www.hp.com/go/learnaboutequipment</a> .
<b>Print Technology</b>	Laser
<b>Product Subgroup</b>	Standard Capacity Toner Cartridges
<b>Recycled Material Content</b>	0.16
<b>SNF JPEG Product Photo 190x170</b>	<a href="#">Ink Toner Paper Printer Supplies/CE390A_190x170.jpg</a>
<b>SNF JPEG Product Photo 70x100</b>	<a href="#">Ink Toner Paper Printer Supplies/CE390A_70x100.jpg</a>
<b>Segment (filter)</b>	Traditional HP Toners
<b>Stacking Number For Carton</b>	12
<b>Storage Temperature Range (fahrenheit)</b>	-4 to 104°F
<b>Sub-Brand Name</b>	LaserJet
<b>Subgroup</b>	Standard Capacity Cartridges

UNSPSC Code

44103103

**Warranty Standard Statement**

This HP product is warranted to be free from defects in materials and workmanship. This warranty does not apply to products that (a) have been refilled, refurbished, remanufactured or tampered with in any way, (b) experience problems resulting from misuse, improper storage, or operation outside of the published environmental specifications for the printer product or (c) exhibit wear from ordinary use. To obtain warranty service, please return the product to place of purchase (with a written description of the problem and print samples) or contact HP customer support. At HP's option, HP will either replace products that prove to be defective or refund your purchase price. TO THE EXTENT ALLOWED BY LOCAL LAW, THE ABOVE WARRANTY IS EXCLUSIVE AND NO OTHER WARRANTY OR CONDITION, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED AND HP SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ALLOWED BY LOCAL LAW, IN NO EVENT WILL HP OR ITS SUPPLIERS BE LIABLE FOR DIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFIT OR DATA), OR OTHER DAMAGE, WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. THE WARRANTY TERMS CONTAINED IN THIS STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT OR MODIFY AND ARE IN ADDITION TO THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THIS PRODUCT TO YOU.

**Weight (imperial)**

~3.76 lb

**Weight (metric)**

~1.71 kg

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