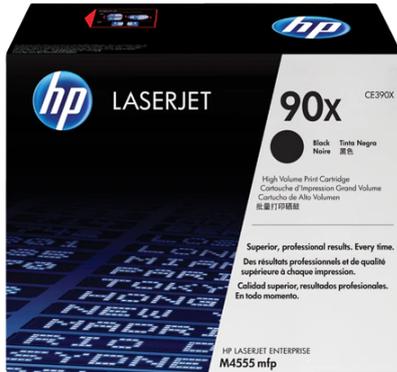# HP 90X High Yield Black Original LaserJet Toner Cartridge (CE390X)

Overview

HP 90X LaserJet Toner Cartridge, black. Average cartridge yields 24,000 standard pages[5]

Increase office efficiency—produce professional-quality documents consistently. Print at high speeds without sacrificing quality, and get increased energy-savings.[2] Count on cost-effective, high-volume printing from this high-capacity cartridge.

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.

[5] 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

Print Cartridge/Bottle, Color(s)	Black
Technology	Laser
Supply Type	Cartridges
Operating Temperature Range (celsius)	10 to 32.5°C
Storage Temperature Range (celsius)	-20 to 40°C
Operating Humidity Range	20 to 80% RH
Non-operating Humidity Range	10 to 90% RH
Print Resolution Technologies	Smart
Printing Material Shelf Life	Not applicable
Compatibility Statement	HP LaserJet Enterprise M4555 MFP series, HP LaserJet Enterprise 600 M602/M603 series
Product Count Per Unit	1
Quantity Per Pallet	45
Quantity Per European Pallet	36
Cartons Per Pallet	45
UPC Number	884962517765
Pallet Barcode	Not applicable
Product Dimensions (metric)	391 x 193 x 327 mm
Product Dimensions (imperial)	15.39 x 7.60 x 12.87 in
Package Dimensions (metric)	391 x 193 x 327 mm
Package Dimensions (imperial)	15.39 x 7.60 x 12.87 in
Pallet Dimensions (metric)	1173 x 965 x 1125 mm
Pallet Dimensions (imperial)	46.2 x 38.0 x 44.3 in
Package Weight (metric)	~3.33 kg
Package Weight (imperial)	~7.33 lb
Pallet Weight (metric)	170.4 kg
Pallet Weight (imperial)	374.7 lb
Page Yield	24000
Average Page Yield For A4 Format, Black and White	~24,000 pages
What Is In The Box	Toner cartridge; Recycling guide
Manufacturer Warranty	This HP product is warranted to be free from defects in materials and workmanship.

Additional specifications

Cartons Per Layer	15
Cartridge Color	Black
Cartridge Package Selectability	90X
Compatibility Headline	HP 90 toner cartridges work with:
Count of Cartons per Pallet Layer (European Pallet)	12
Count of Layers In Pallet	3
Euro Pallet Weight (metric)	140.4 kg
European Pallet Dimensions (metric)	1173 x 772 x 1130 mm
European Pallet ITF-14 Unit Code	Not applicable
Geographic Availability of Product	US, CA, EMEA, AP, LAR, JP
Operating Temperature Range (fahrenheit)	50 to 90.5°F
Package Count	1
Page Yield (black)	1 Black (~24,000 pages)
Page Yield Footnote	Approximate average yield based on ISO/IEC 19752. Actual yield varies considerably based on content of printed pages and other factors. For details see http://www.hp.com/go/learnaboutsupplies.
Print Technology	Laser
Product Subgroup	High Capacity Toner Cartridges
Recycled Material Content	0.15
SNF JPEG Product Photo 190x170	Ink Toner Paper Printer Supplies/CE390A_190x170.jpg
SNF JPEG Product Photo 70x100	Ink Toner Paper Printer Supplies/CE390A_70x100.jpg
Segment (filter)	Traditional HP Toners
Stacking Number For Carton	12
Storage Temperature Range (fahrenheit)	-4 to 104°F
Sub-Brand Name	LaserJet
Subgroup	High 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 WARRANT Y 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)	~5.39 lb
Weight (metric)	~2.45 kg

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