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.

Free recycling through HP Planet Partners. [4]

Original HP LaserJet toner cartridges enable 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.

[4] Program availability varies. HP toner cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners program. For more information, or to request return envelopes and bulk collection boxes, visit http://www.hp.com/recycle.

[5] The HP 90X LaserJet Black Toner Cartridge not included; please purchase separately.

Specifications

Print Cartridge/Bottle, Color(s)	Black
Print Technology	Laser
Supply type	Cartridges
Operating temperature range	10 to 32.5°C
Storage temperature range	-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
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
Dimensions (W x D x H)	391 x 193 x 327 mm
Dimensions (W x D x H)	15.39 x 7.60 x 12.87 in
Package dimensions (W x D x H)	391 x 193 x 327 mm
Package dimensions (W x D x H)	15.39 x 7.60 x 12.87 in
Pallet dimensions (W x D x H)	1173 x 965 x 1125 mm
Pallet dimensions	46.2 x 38.0 x 44.3 in
Package weight	~3.33 kg
Package weight	~7.33 lb
Pallet weight	170.4 kg
Pallet weight	374.7 lb
Page Yield	24000
Page yield (black and white)	~24,000 pages
What's 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

BCP bubble graphic color	Black
Cartons per layer	15
Cartridge Colors	Black
Compatibility headline	HP 90 toner cartridges work with:
Count of layers in pallet	3
EmpCo GARAN Label	https://hp.widen.net/s/zrqz6mwxvv/empco_95mm_x_100mm_label_color_toner_supplies_8679904
European pallet ITF-14 unit code	Not applicable
European pallet dimensions (W x D x H)	1173 x 772 x 1130 mm
Geographic availability	US, CA, EMEA, AP, LAR, JP
Master or single cartons per layer (European pallet)	12
Operating temperature range	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.
Pallet weight	140.4 kg
Print technology	Laser
Product subgroup	High Capacity Toner Cartridges
Recycled material content	0.15

Segment (filter)	Traditional HP Toners
Selectability	90X
Stacking number for carton	12
Storage temperature range	-4 to 104°F
Sub-brand name	LaserJet
Subgroup	High Yield Toner Cartridges
Total CO2e (kg)	13.5 *(A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)*
UNSPSC code	44103103
Warranty	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	~2.45 kg
Weight	~5.39 lb

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