DP4300H/E and DP4600H/E
Thermal Transfer Desktop Printers

The DP4300H/E and DP4600H/E Thermal Transfer Desktop Printers produce high-quality print-on-demand labels for a wide range of applications for electrical and network infrastructure. These high-volume printers are ideal for OEM, MRO, Construction, Data Center, and Enterprise labeling.

Quickly create self-laminating labels, heat shrink labels, and marker plates for wire and cable marking. Easily print raised panel labels, electrical component labels, network component labels, arc flash labels, and safety signs for equipment and facility identification.

With very fast printing speed, rugged design, color touchscreen display, wide variety of label and ribbon options, and Easy-Mark Plus™ Labeling Software included, the DP4300H/E and DP4600H/E are ideal for any high-volume label printing needs.

KEY FEATURES & BENEFITS

High volume printing:	Rugged, durable design for printing in all environments
Fast label production:	Up to 300mm per second print speed
Up to 600 dots per inch (dpi) print resolution:	Superior print quality for all type of labels
Large color touchscreen display:	Easy to use screen with intuitive interface
Quick and easy loading of label and ribbon media:	Minimize setup time to switch label and ribbon rolls, maximize uptime

TECHNICAL INFORMATION

	DP4300H/E	DP4600H/E
Print method :	300 dpi thermal transfer	600 dpi thermal transfer
Print speed (maximum) :	300mm (11.8 in.) per second	150mm (5.9 in.) per second
Maximum print width:	105.7mm (4.16 in.)	
Maximum print length:	2.0m (78.74 in.)	1.0m (39.37 in.)
Weight:	10 kg (22 lbs.)	
Size (W x H x D):	252mm x 288mm x 460mm (9.9 in. x 11.3 in. x 18.1 in.)	
Connectivity:	USB, Ethernet, Serial	
Regulatory Compliance:	FCC, cUL, ICES3, CE, UKCA, CB, CCC, KC, BSMI, RCM, ECAS, CoC	
Compatibility:	Windows 10, 11^	

^Windows is a registered trademark of Microsoft Corp. in the United States and/or other countries.

ORDERING INFORMATION

Part Number	Description	Std. Pkg. Qty.
DP4300H/E	300 dpi printer; includes printer, Panduit Easy-Mark Plus™ Labeling Software, RHEH4BL black hybrid ribbon, USB cable, quick start guide, and European power cords.	1
DP4600H/E	600 dpi printer; includes printer, Panduit Easy-Mark Plus™ Labeling Software, RHEH4BL black hybrid ribbon, USB cable, quick start guide, and European power cords.	

The DP4300HD/E Two-Sided Thermal Transfer Desktop Printer enables printing on both sides of two-side printable labels at the same time. This functionality saves 50% of the time required to print on both sides compared to using a single-sided printer.

The DP4300HD/E printer produces high-quality print-on-demand labels for wire and cable marking applications using Panduit Two-Sided Heat Shrink Labels. This solution is ideal for labeling in OEM, MRO, and Construction. With the included Panduit Easy-Mark Plus™ Labeling Software, designing and printing labels is quick and easy.

Panduit offers a wide range of compatible labeling options, including Military Grade Two-Sided Heat Shrink Labels, Halogen-Free Two-Sided Heat Shrink Labels, and continuous heat shrink label material.

KEY FEATURES & BENEFITS

Rugged, durable design:	Ideal printer for high volume labeling applications, industrial production, and harsh environments
Print two-sided heat shrink labels in one pass:	Maximize printing efficiency, cut printing time for two-sided labels by 50%
300 dots per inch (dpi) print resolution:	Provides crisp, clear, legible print for best label appearance
Large color touchscreen display:	Easy to use screen with intuitive interface
Quick and easy loading of label and ribbon media:	Minimize setup time to switch label and ribbon rolls, maximize uptime
Easy-Mark Plus™ labeling software included with printer:	No additional investment for labeling software, print right out of the box
USB, ethernet, and serial connectivity:	Increased flexibility to quickly connect to any computer

TECHNICAL INFORMATION

Print method:	300 dpi thermal transfer
Print speed (maximum) :	150mm (5.9 in.) per second
Maximum print width:	105.7mm (4.16 in.)
Label types:	Military Grade Two-Sided Heat Shrink, Halogen Free Two-Sided Heat Shrink, Continuous Heat Shrink
Weight:	21 kg (46 lbs.)
Size (W x H x D):	248mm x 395mm x 594mm (9.8 in. x 15.6 in. x 23.4 in.)
Connectivity:	USB, Ethernet, Serial
Regulatory compliance:	FCC, cUL, ICES3, CE, UKCA, CB
Compatibility:	Windows 10, 11^

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ORDERING INFORMATION

Part Number	Description	Std. Pkg. Qty.
DP4300HD/E	300 dpi printer; includes printer, Panduit Easy-Mark Plus Labeling Software, 2 rolls of RHEH4BL black hybrid ribbon, USB cable, quick start guide, and European power cords.	1

THERMAL TRANSFER RIBBONS

Part Number	Description	Width mm (In.)	Length m (ft.)	Std. Pkg. Qty.
RHEH4BL	Black hybrid thermal transfer ribbon. Use with heat shrink, self-laminating, Turn-Tell®, and vinyl cloth.	110.0 (4.33)	363.0 (1181.0)	1
RHER4BL	Black resin thermal transfer ribbon. Use with polyester labels, continuous vinyl tape, marker plates, and raised panel labels.	110.0 (4.33)		
RHER4WH	White resin thermal transfer ribbon. Use with polyester labels, continuous vinyl tape, marker plates, and raised panel labels.	114.3 (4.50)		
RHER4BL-A	Black resin thermal transfer ribbon. Use with high-temperature marker plates.	110.0 (4.33)		
RHER4BL-C	Black resin thermal transfer ribbon. Use with fluid resistant heat shrink markers and white polyimide labels.			
RHER4BL-E	Black resin thermal transfer ribbon. Use with standard marker plates and component labels for extra durability for harsh environments.		410.0 (1345.0)	

DESKTOP PRINTER ACCESSORIES

Part Number	Description
DP4X00H-CUT	Optional power/automatic cutter for DP4300H/E, DP4600H/E, and DP4300HD/E thermal transfer desktop printers.
DP4X00H-PCUT	Optional power/automatic perforation cutter for DP4300H/E, DP4600H/E, and DP4300HD/E thermal transfer desktop printers.
TDP43ME-RS	External label roll stand for use with continuous tapes
PTR-CLN	Printer cleaning kit – contains (1) cleaning pen, (8) cleaning solution soaked wipes, (8) foam swabs pre-saturated with cleaning solution.

APPLICATIONS

Wire and Cable Marking

Terminal Block Labeling

Electrical Infrastructure Labeling

Marker Plates

Raised Panel Labels

Network Infrastructure Labeling

2-Sided Heat Shrink Labels

Pipe Marking

Turn-Tell® Labels

Safety Signs

Electrical Hazard Labels
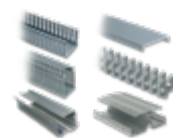

Flag Labels

RELATED PRODUCTS

TDP43ME/E

PXE™ Mobile Printers

Abrasion Protection

Wiring Duct

PANDUIT®