

Specification Sheet

Part Number: TT100OUTSM

Clean Start ribbons prolong printhead life, while reducing maintenance costs.

Ribbons are resin based for the best print durability.

Ribbons are available to fit all HellermannTyton printers for easy resupply.

Ribbons meet UL recognition and Military standard where applicable to meet specific industry label requirements.



Clean Start Thermal Transfer Ribbon, Soft Resin, 4.33" x 242', 0.5" Core, PET, Black, 1/pkg

Article Number 556-00169

Type TT100OUTSM

Color Black (BK)

Quantity Per EA

Product Description HellermannTyton Clean Start thermal transfer ribbons incorporate an innovative, patented printhead cleaner built right into the ribbon. Clean Start ribbon removes debris before it builds up on the printhead, extending printer life. Available on 1/2" and 1" cores, the ribbons are coated side out and available in two different lengths. All ribbons are available in a variety of colors and are matched to the HellermannTyton label stock to give the best chemical and abrasion resistance.

Short Description Clean Start Thermal Transfer Ribbon, Soft Resin, 4.33" x 242', 0.5" Core, PET, Black, 1/pkg

| | |
|------------------------------|---------------------------------|
| Global Part Name | TT100OUTSM-PET-BK |
| Length L (Imperial) | 242.0 |
| Length L (Metric) | 74 |
| Variant | Colored ribbon |
| Width W (Imperial) | 4.33 |
| Width W (Metric) | 110.0 |
| Material | Polyester Film (PET) |
| Material Shortcut | PET |
| Halogen Free | No |
| UV Resistant (Yes/No) | No |
| Operating Temperature | +40°F to +300°F (+4°C to +82°C) |
| Reach Compliant (Article 33) | Yes |
| ROHS Compliant | Yes |
| Package Quantity (Imperial) | 1 |

Package Quantity (Metric) 1

Customs Number 3702440160

About HellermannTyton

HellermannTyton is a global manufacturer of cable management and identification solutions for automotive, solar, electrical, construction, industrial automation, broadband and other OEM markets. The company's integrated approach to product design, sustainability, production, quality assurance and delivery is optimized to benefit local and global customers. HellermannTyton operates in 39 countries, with North American headquarters in Milwaukee, Wisconsin. (www.hellermann.tyton.com).

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Specification Sheet

Part Number: TTHSTOUTSM

Clean Start ribbons prolong printhead life, while reducing maintenance costs.

Ribbons are resin based for the best print durability.

Ribbons are available to fit all HellermannTyton printers for easy resupply.

Ribbons meet UL recognition and Military standard where applicable to meet specific industry label requirements.



Clean Start Thermal Transfer Ribbon, 4.33" x 298', 0.5" Core, PET, Black, 1/pkg

Article Number 556-00163

Type TTHSTOUTSM

Color Black (BK)

Quantity Per EA

Product Description HellermannTyton Clean Start thermal transfer ribbons incorporate an innovative, patented printhead cleaner built right into the ribbon. Clean Start ribbon removes debris before it builds up on the printhead, extending printer life. Available on 1/2" and 1" cores, the ribbons are coated side out and available in two different lengths. All ribbons are available in a variety of colors and are matched to the HellermannTyton label stock to give the best chemical and abrasion resistance.

Short Description Clean Start Thermal Transfer Ribbon, 4.33" x 298', 0.5" Core, PET, Black, 1/pkg

| | |
|------------------------------|---------------------------------|
| Global Part Name | TTHSTOUTSM-PET-BK |
| Length L (Imperial) | 242.0 |
| Length L (Metric) | 74 |
| Variant | Colored ribbon |
| Width W (Imperial) | 4.33 |
| Width W (Metric) | 110.0 |
| Material | Polyester Film (PET) |
| Material Shortcut | PET |
| Halogen Free | No |
| UV Resistant (Yes/No) | No |
| Operating Temperature | +40°F to +300°F (+4°C to +82°C) |
| Reach Compliant (Article 33) | Yes |
| ROHS Compliant | Yes |
| Package Quantity (Imperial) | 1 |

Package Quantity (Metric) 1

Customs Number 3702440160

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Specification Sheet

Part Number: TTHSTOUT

Clean Start ribbons prolong printhead life, while reducing maintenance costs.

Ribbons are resin based for the best print durability.

Ribbons are available to fit all HellermannTyton printers for easy resupply.

Ribbons meet UL recognition and Military standard where applicable to meet specific industry label requirements.



Clean Start Thermal Transfer Ribbon, 4.0" x 984', 1.0" Core, PET, Black, 1/pkg

Article Number 556-00162

Type TTHSTOUT

Color Black (BK)

Quantity Per EA

Product Description HellermannTyton Clean Start thermal transfer ribbons incorporate an innovative, patented printhead cleaner built right into the ribbon. Clean Start ribbon removes debris before it builds up on the printhead, extending printer life. Available on 1/2" and 1" cores, the ribbons are coated side out and available in two different lengths. All ribbons are available in a variety of colors and are matched to the HellermannTyton label stock to give the best chemical and abrasion resistance.

Short Description Clean Start Thermal Transfer Ribbon, 4.0" x 984', 1.0" Core, PET, Black, 1/pkg

| | |
|------------------------------|---------------------------------|
| Global Part Name | TTHSTOUT-PET-BK |
| Local Order Number 2 | shipping dimension 2.5" X 4.0" |
| Length L (Imperial) | 984.0 |
| Length L (Metric) | 300 |
| Variant | Colored ribbon |
| Width W (Imperial) | 4.0 |
| Width W (Metric) | 101.6 |
| Material | Polyester Film (PET) |
| Material Shortcut | PET |
| Halogen Free | No |
| UV Resistant (Yes/No) | No |
| Operating Temperature | +40°F to +300°F (+4°C to +82°C) |
| Reach Compliant (Article 33) | Yes |
| ROHS Compliant | Yes |

| | |
|-----------------------------|------------|
| Package Quantity (Imperial) | 1 |
| Package Quantity (Metric) | 1 |
| Customs Number | 3702390100 |

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Specification Sheet

Part Number: TT822OUTSM

Clean Start ribbons prolong printhead life, while reducing maintenance costs.

Ribbons are resin based for the best print durability.

Ribbons are available to fit all HellermannTyton printers for easy resupply.

Ribbons meet UL recognition and Military standard where applicable to meet specific industry label requirements.



Clean Start Thermal Transfer Ribbon, Hard Resin, 4.33" x 242', 0.5" Core, PET, Black, 1/pkg

Article Number 556-00145

Type TT822OUTSM

Color Black (BK)

Quantity Per EA

Product Description HellermannTyton Clean Start thermal transfer ribbons incorporate an innovative, patented printhead cleaner built right into the ribbon. Clean Start ribbon removes debris before it builds up on the printhead, extending printer life. Available on 1/2" and 1" cores, the ribbons are coated side out and available in two different lengths. All ribbons are available in a variety of colors and are matched to the HellermannTyton label stock to give the best chemical and abrasion resistance.

Short Description Clean Start Thermal Transfer Ribbon, Hard Resin, 4.33" x 242', 0.5" Core, PET, Black, 1/pkg

| | |
|------------------------------|---------------------------------|
| Global Part Name | TT822OUTSM-PET-BK |
| Length L (Imperial) | 242.0 |
| Length L (Metric) | 74 |
| Variant | Colored ribbon |
| Width W (Imperial) | 4.33 |
| Width W (Metric) | 110.0 |
| Material | Polyester Film (PET) |
| Material Shortcut | PET |
| Halogen Free | No |
| UV Resistant (Yes/No) | No |
| Operating Temperature | +40°F to +300°F (+4°C to +82°C) |
| Reach Compliant (Article 33) | Yes |
| ROHS Compliant | Yes |
| Package Quantity (Imperial) | 1 |

Package Quantity (Metric) 1

Customs Number 3702440160

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Specification Sheet

Part Number: TT100OUT

Clean Start ribbons prolong printhead life, while reducing maintenance costs.

Ribbons are resin based for the best print durability.

Ribbons are available to fit all HellermannTyton printers for easy resupply.

Ribbons meet UL recognition and Military standard where applicable to meet specific industry label requirements.



Clean Start Thermal Transfer Ribbon, 4.33" x 984', 1.0" Core, PET, Black, 1/pkg

Article Number 556-00104

Type TT100OUT

Color Black (BK)

Quantity Per EA

Product Description HellermannTyton Clean Start thermal transfer ribbons incorporate an innovative, patented printhead cleaner built right into the ribbon. Clean Start ribbon removes debris before it builds up on the printhead, extending printer life. Available on 1/2" and 1" cores, the ribbons are coated side out and available in two different lengths. All ribbons are available in a variety of colors and are matched to the HellermannTyton label stock to give the best chemical and abrasion resistance.

Short Description Clean Start Thermal Transfer Ribbon, 4.33" x 984', 1.0" Core, PET, Black, 1/pkg

| | |
|-----------------------|---------------------------------|
| Global Part Name | TT100OUT-PET-BK |
| Local Order Number 2 | shipping dimension 2.5" X 4.0" |
| Length L (Imperial) | 984.0 |
| Length L (Metric) | 300 |
| Variant | Colored ribbon |
| Width W (Imperial) | 4.33 |
| Width W (Metric) | 110.0 |
| Height H (Imperial) | 1.69 |
| Height H (Metric) | 42.93 |
| Material | Polyester Film (PET) |
| Material Shortcut | PET |
| Flammability | UL 224 VW-1 |
| Halogen Free | No |
| UV Resistant (Yes/No) | No |
| Operating Temperature | +40°F to +300°F (+4°C to +82°C) |

| | |
|------------------------------|------------|
| Reach Compliant (Article 33) | Yes |
| ROHS Compliant | Yes |
| Package Quantity (Imperial) | 1 |
| Package Quantity (Metric) | 1 |
| Customs Number | 3702440160 |

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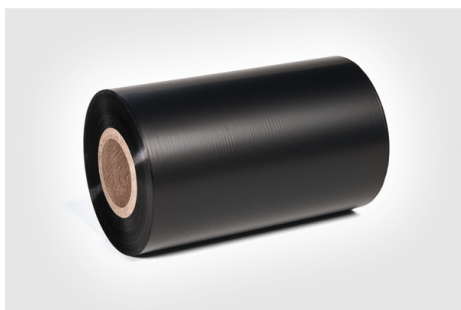
Part Number: TT822OUT

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Ribbons are resin based for the best print durability.

Ribbons are available to fit all HellermannTyton printers for easy resupply.

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Clean Start Thermal Transfer Ribbon, 4.33" x 984', 1.0" Core, PET, Black, 1/pkg

Article Number 556-00101

Type TT822OUT 110MM

Color Black (BK)

Quantity Per EA

Product Description HellermannTyton Clean Start thermal transfer ribbons incorporate an innovative, patented printhead cleaner built right into the ribbon. Clean Start ribbon removes debris before it builds up on the printhead, extending printer life. Available on 1/2" and 1" cores, the ribbons are coated side out and available in two different lengths. All ribbons are available in a variety of colors and are matched to the HellermannTyton label stock to give the best chemical and abrasion resistance.

Short Description Clean Start Thermal Transfer Ribbon, 4.33" x 984', 1.0" Core, PET, Black, 1/pkg

Global Part Name TT822OUT 110MM-PET-BK

Length L (Imperial) 984.0

Length L (Metric) 300

Variant Colored ribbon

Width W (Imperial) 4.33

Width W (Metric) 110.0

Thickness T (Metric) 6.5

Inner Diameter D (Metric) 25.4

Material Polyester Film (PET)

Material Shortcut PET

Halogen Free No

UV Resistant (Yes/No) No

Reach Compliant (Article 33) Yes

ROHS Compliant Yes

| | |
|-----------------------------|------------|
| Package Quantity (Imperial) | 1 |
| Package Quantity (Metric) | 1 |
| Customs Number | 3702440160 |

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