

# PDX25

PREMIUM DURABILITY

## PRODUCT DESCRIPTION

PDX-25 is an excellent all round premium wax/resin ribbon for printing dark crisp images and bar codes on a wide range of paper and synthetic labels. It offers the durability and smudge/scratch resistance expected of such a premium product. Developed specifically to cover the widest possible range of applications, the PDX-25 grade is extremely good for printing on to pre-printed or flood coated label stocks. The unique ink formulation of PDX-25 enables printing directly on to the various inks used in spot and flood coated labels, eliminating any possible slippage during the printing process. As a result the need for additional thermal transfer varnish on the label is removed, thus reducing the total label cost. The SmoothCoat® backcoat technology dissipates static and friction during printing allowing for unparalleled print head protection.

## RECOMMENDED SUBSTRATES

Coated/uncoated paper & tag stocks, synthetic paper, polyethylene, polypropylene, polyolefin, gloss paper, flood-coated paper, UV varnished labels



| PDX25 PROPERTIES    |   |
|---------------------|---|
| PRINT SENSITIVITY   | 9 |
| HEAT RESISTANCE     | 6 |
| ABRASION RESISTANCE | 8 |
| SOLVENT RESISTANCE  | 5 |
| LABEL ADAPTABILITY  | 7 |

## RECOMMENDED APPLICATIONS

|   |   |   |  |   |   |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| GENERAL   | SHIPPING  | INVENTORY   | LOGISTICS  | PRODUCT ID  | SHELVING  |
|  |  |  |  |  |  |
| PHARMACY  | RETAIL  | HORTICULTURE  | NUMBER PLATES  | HEALTHCARE  | ASSET TRACKING  |

## OTHER GRADES WITHIN THE ADVANTAGE RIBBON PRODUCT RANGE:

| Flat Head Technology Printers  |   |   |   | Near Edge Technology Printers  |   |   |
|--|---|---|---|--|---|---|
|  |  |  |  |  |  |  |

For more product information and a list of compatible printers visit [www.ttr-extra.com](http://www.ttr-extra.com)

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| PDX25 SPECIFICATIONS |            | PERFORMANCE OF PRINTED IMAGE |                    |
|----------------------|------------|------------------------------|--------------------|
| DESCRIPTION          | TECHNICAL  | DESCRIPTION                  | TECHNICAL          |
| INK                  | wax resin  | ABRASION                     | 150 cycles @ 900g  |
| COLOUR               | black      | WATER                        | 1000 cycles @ 248g |
| INK THICKNESS        | 3 micron   | IPA                          | 120 cycles @ 248g  |
| BASE FILM THICKNESS  | 4.8 micron | BRAKE FLUID                  | 10 cycles @ 248g   |
| INK MELTING POINT    | 70C – 74C  | HEAT RESISTANCE              | <70C               |
| DENSITY              | >1.8       | PRINT SPEED                  | 2 to 12 IPS        |

| PDX10 CERTIFICATIONS AND APPROVALS |  |
|------------------------------------|--|
| DESCRIPTION                        | TECHNICAL  |
| ISO 9001:2000 & ISO 14001:2004     | All ribbons have been manufactured to these international quality standard   |
| RoHs/WEEE                          | EC directives 2002/65 and 2002/96, compliance to the limitation of dangerous substances in electrical and electronics equipment. |
| HEAVY METALS                       | EC 98/638  |
| TSCA/CP 65                         | the ribbon does not contain any of the substances on this list   |
| AMES TEST                          | the ribbon is not mutagenic, does not cause DNA modifications  |
| EC DIRECTIVES                      | 1999/45/EC and 2001/59/EC. This ribbon does not contain any substance classified as dangerous for health                         |
| DISPOSAL                           | To be disposed of as mixed industrial waste  |

| PDX10 RIBBON STORAGE CONDITIONS |                                     |
|---------------------------------|-------------------------------------|
| DESCRIPTION                     | TECHNICAL                           |
| TEMPERATURE                     | 5°C to 35°C (41F to 95F)            |
| HUMIDITY                        | 10% to 85% relative humidity        |
| LIGHT                           | Avoid direct sunlight               |
| SHELF LIFE                      | 24 months under approved conditions |