

THE TTR EUROWORKS 4U PRODUCT RANGE WORKS FOR YOU!

# R4U 300

## PREMIUM RESIN

Premium Resin combines quality, competitiveness and performance. The super flexibility of this Formulation makes it suitable for chemical environments and other high-end applications that require permanent images.

|         |           |       |               |             |
|---------|-----------|-------|---------------|-------------|
| WAX     | WAX-RESIN | RESIN | W-R NEAR-EDGE | R NEAR-EDGE |
| R4U 300 |           |       | RT4U 900      |             |

## PRODUCT SUMMARY

- ✓ Low print energy and anti-static formulation for easy handling and print head protection
- ✓ Deliver excellent blackness & excellent definition
- ✓ Withstand extreme heat and UV exposure
- ✓ Excellent resistance to solvents
- ✓ Extreme abrasion resistance

## TECHNICAL SPECIFICATIONS

|                              |   |
|------------------------------|---|
| PET film thickness           | 4,5 microns   |
| Total ribbon thickness       | 6,1 microns   |
| Transmissional density       | ≥ 1,1 MacBeth Scale   |
| Ink melting point            | 82 °C / 180 °F  |
| Recommended max. print-speed | 150 mm / second   |
| Recommended media            | Polyester films, other synthetic films, vinyl and polypropylene |

## CHARACTERISTICS

|                           |           |
|---------------------------|-----------|
| Scratch resistance        | ✓ ✓ ✓ ✓ ✓ |
| Smudge resistance         | ✓ ✓ ✓ ✓ ✓ |
| Sensitivity               | ✓ ✓ ✓ ✓ ○ |
| Rotated barcode sharpness | ✓ ✓ ✓ ○ ○ |
| Fine line printability    | ✓ ✓ ✓ ✓ ○ |

## APPLICATIONS



## COMPLIANCE

- ✓ TSCA
- ✓ REACH – SVHC Free
- ✓ RoHS/WEEE
- ✓ ISEGA
- ✓ Additional regulatory requirements upon request