

# thermal transfer ribbons

## high sensitivity resin enhanced wax thermal transfer ribbons

primary part number	size printer	size metric	rolls inches	per case
ttr - 076al	Automated Packaging	76mm x 610m	2.99" x 2001'	24
ttr - 102al	Automated Packaging	102mm x 610m	4.02" x 2000'	12
ttr - 076dc	datamax	76mm x 360m	2.99" x 1181'	36
ttr - 102dc	datamax	102mm x 360m	4.02" x 1181'	24
ttr - 110dc	datamax	110mm x 360m	4.33" x 1181'	24
ttr - 104ig	intermec	104mm x 155m	4.09" x 508'	24
ttr - 090sd	sato	90mm x 410m	3.54" x 1345'	24
ttr - 080zb	zebra	80mm x 300m	3.15" x 984'	24
ttr - 102zb	zebra	102mm x 300m	4.02" x 984'	24
ttr - 110zb	zebra	110mm x 300m	4.33" x 984'	24
ttr - 080ze	zebra	80mm x 450m	3.15" x 1476'	24
ttr - 083ze	zebra	83mm x 450m	3.27" x 1476'	24
ttr - 090ze	zebra	90mm x 450m	3.54" x 1476'	24
ttr - 102ze	zebra	102mm x 450m	4.02" x 1476'	24
ttr - 110ze	zebra	110mm x 450m	4.33" x 1476'	24
ttr - 130ze	zebra	130mm x 450m	5.12" x 1476'	12

## market trends for thermal transfer ribbons

- faster printer speeds
- increased use of film for harsh environments
- lower cost ribbons
- more specialty applications

### specifications:

item	value	test method
polyester film thickness	4.6 micro	micrometer
ink melting point	69°C	DSC method
heat resistance	90°C	SKC method heat gradient tester
abrasion resistance	3.5	50 rub cycles with 300g load 1=bad, 5=good
Print density	1.95	optical densimeter (reflectance)

## benefits of using thermal transfer ribbons

**high volume printing requirements:** thermal transfer printers are designed to complete a full label printing job in one run. they can print up to 60 linear feet of labels per minute. this assists with long run labeling assignments.

**reliability:** thermal transfer printers have one moving part – the paper feed roller. printers are very reliable and are designed to operate in harsh conditions, including both warehousing and manufacturing environments.

**bar code legibility:** thermal transfer printers create bar codes with good scan quality. read rates(98% - 100%) are far better than those produced on a dot matrix printer.

**durable print images:** thermal transfer ribbons have the capability of printing images that can resist extreme temperatures. in addition, thermal transfer ribbons allow for varying degrees of smear, scratch and solvent resistance.

**on-demand printing capability:** thermal transfer printing gives the user printing flexibility. users can print on demand and do not have to pay the extra costs associated with working with an outside supplier to create pre-printed labels.

**we have sizes in stock to fit most printers  
call for pricing**

