

# W90

## HIGH SENSITIVITY RESIN ENHANCED WAX

ITW Thermal Transfer's W90 is a multipurpose thermal transfer ribbon which gives excellent results on a wide variety of media. This **resin enhanced wax based formulation** has been designed to operate at low temperatures and the high sensitivity ink gives excellent print density and definition.

**PRINTHEAD  
SAVER®  
THERMAL  
TRANSFER  
RIBBON**



<b>FEATURES</b>	<p>high image definition at low temperature</p> <p>high density printing</p> <p>heat resistant back coating</p> <p>anti-static, high sensitivity formulation</p>
<b>SUBSTRATES</b>	<p>coated and uncoated paper</p> <p>tag</p> <p>pressure sensitive</p> <p>other variety of media</p>
<b>FEATURES CHART</b>	

### TYPICAL PROPERTIES OF RIBBONS

ITEM	VALUE	TESTMETHOD
POLYESTER FILM THICKNESS	4.6μ	Micrometer
COLOR	Black	
INK COATING WEIGHT	3.1±0.3	g/m <sup>2</sup>
HEAT RESISTANT COATING WEIGHT	0.14±0.05	g/m <sup>2</sup>
INK MELTING POINT	69°C	DSC method
HEAT RESISTANT TEMPERATURE	90°C	SKC method heat gradient tester
ABRASION RESISTANCE	3.5	50 rub cycles with 300g load 1:bad, 5:good
PRINT SENSITIVITY	5	SKC method 1:low, 5:high
PRINT DENSITY (OPTICAL DENSITY)	1.95	optical densimeter (reflectance)
PCS (PRINT CONTRAST SIGNAL)	>95%	verifier

