

W90/B220

HIGH SENSITIVITY RESIN ENHANCED WAX

ITW Thermal Films' W90/B220 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**



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

TYPICAL PROPERTIES OF RIBBONS

ITEM	VALUE	TEST METHOD
POLYESTER FILM THICKNESS	4.6μ	Micrometer
COLOR	Black	
INK COATING WEIGHT	3.1±0.3	g/m ²
HEAT RESISTANT COATING WEIGHT	0.14±0.05	g/m ²
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

