

**THERMAL PAPER RECOMMENDED FOR SEIKO INSTRUMENTS  
THERMAL PRINTERS**

**TPP 55 - SPECIFICATION SHEET**

**PHYSICAL PROPERTIES:**

<b>Characteristics</b>	<b>Unit</b>	<b>Specification</b>	<b>Test Method</b>
Basis Weight	g/m <sup>2</sup>	55±4,0	SCAN P6
Thickness	µm	63±5	SCAN P7
Moisture	%	6.0±1	SCAN P4
Tensile strength (MD.)	kN/m.	Min.2,5	SCAN P16
Tear strength (CD.)	mN	Min.260	SCAN P11
Smoothness	s	Min.450	TAPPI T 479
Brightness	%	Min.85	SCAN P3

**IMAGE PROPERTIES:**

<b>Item</b>	<b>Unit</b>	<b>Specification</b>	<b>Test method</b>
Image color	-----	Black	
Dynamic sensitivity	OD	1,10 ± 0,05	0,28mJ/dot
Maximum density	OD	1,25 ± 0,10	

**STABILITY PROPERTIES:**

<b>Item</b>	<b>Unit</b>	<b>Specification</b>	<b>Test method</b>
<b>Heat resistance:</b>	-----		60 <sup>0</sup> C, 24hrs.
Background	OD	Max. 0,20	
Image loss	OD	Max. 25%	
<b>Humidity resistance:</b>	-----		40 <sup>0</sup> C, 90% RH 24h
Background	OD	Max. 0,20	
Image loss	OD	Max. 15%	
<b>Light resistance:</b>	-----		5000 lux, 100h
Background	OD	Max. 0,20	
Image loss	OD	Max. 10%	
<b>Stability of image &amp; printability</b>		7 years	Correct storage for Thermal paper