

# P 5045(55)

## Technical Data Sheet

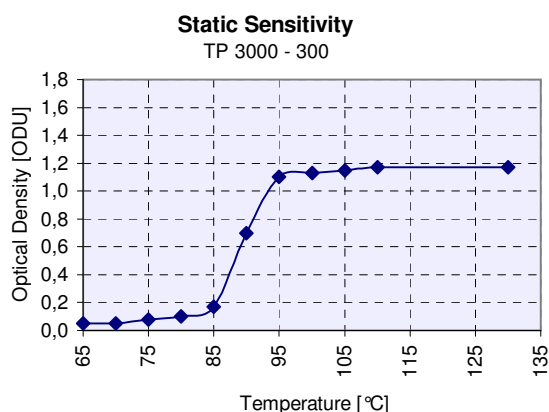
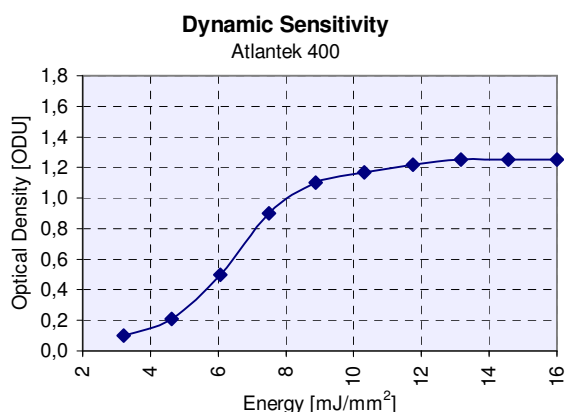
### Grade Characteristics

Sensitivity:	standard
Printing Speed:	max. 8 inch / 200 mm per second
Protection Coating:	without topcoat
Stability:	<b>improved resistance against environmental influences</b> such as heat, humidity, light, lanolin, ethanol, plasticizer and water
Image Durability:	<b>7 years *</b>
Typical Application(s):	<b>POS, Medical</b>

Physical Properties	Value	Unit	Test Method
Base Weight	55 ± 4	g/m <sup>2</sup>	ISO 536
Caliper	60 ± 5	micron	ISO 534
Smoothness (Bekk)	>350	s	ISO 5627
Brightness (R 457)	91 ± 4	%	DIN 53145-2
Tensile Strength (md)	>47	N/15mm	ISO 1924/2
Tensile Strength (cd)	>11	N/15mm	ISO 1924/2
Opacity	>86	%	ISO 2471

Climatic stability		Stability	
Item	Condition	Image	Contrast
Heat Resistance	60 °C/24h	> 90%	> 85%
Humidity Resistance	40 °C/90% r.h./24h	> 90%	> 90%
Light Resistance incl. UV	10.000 kJ/m <sup>2</sup>	> 90%	> 85%

We ensure an image durability of 7 years on thermoscript P 5045 under observing specific handling and storage conditions - for this see our product information on [www.mpf.mphitec.com](http://www.mpf.mphitec.com)



\* specific handling and storage conditions have to be observed

Valid from 01.06.2005

subject to alterations