

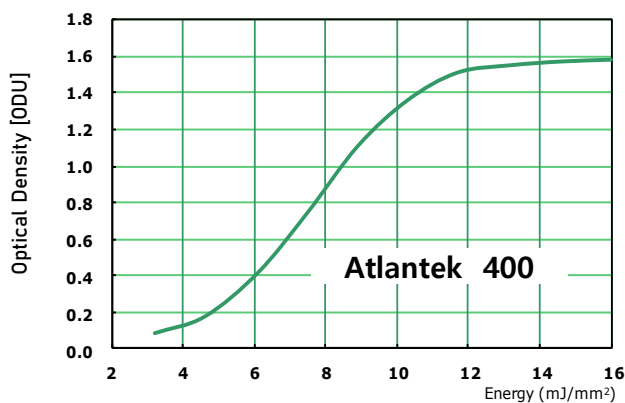
## NTC AF 44

Applications                    POS receipt, ATM receipt, Bank waiting list ticket and etc  
 Description                    Standard sensitivity, BPA Free  
    10 years image life, 3 years storage life (Under proper storage conditions for thermal paper)

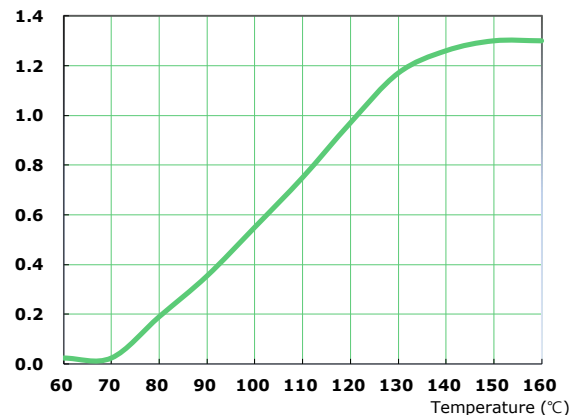
Physical Properties	Value	Unit	Test Method
Basis Weight	44 ± 5	g/m <sup>2</sup>	ISO 536
	11.7 ± 1.3	lbs	17 × 22 – 500
Thickness	49 ± 5	um	ISO 534
	1.93 ± 0.20	mil	
Tensile Strength (MD)	>30	N/15mm	ISO 1924/2
Tensile Strength (CD)	>10	N/15mm	
Brightness(Thermal Side)	86 ± 3	%	ISO 2470

Preservation Properties		Printer : Okura Denki TH-M2/N1	
Item	Condition	Optical density before ageing	Optical density After ageing
Heat Resistance	60°C/24h	1.33	>1.00
Moisture Resistance	40°C/90%R.H/24h	1.33	>1.15
Light Resistance	5,000Lux, 24h	1.33	>1.25

### ► Dynamic Sensitivity



### ► Static Sensitivity



All figures mentioned above may be subject to technical changes.

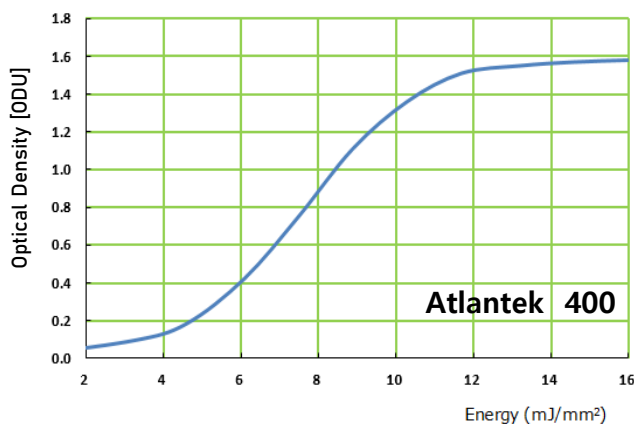
## NTC AF 48

Applications                    POS receipt, ATM receipt, Bank waiting list ticket and etc  
 Description                    Standard sensitivity, BPA Free  
    10 years image life, 3 years storage life (Under proper storage conditions for thermal paper)

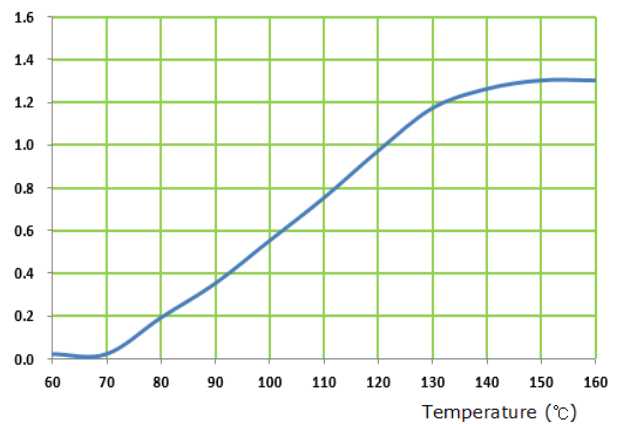
Physical Properties	Value	Unit	Test Method
Basis Weight	48 ± 5	g/m <sup>2</sup>	ISO 536
	12.8 ± 1.3	Lbs	17 × 22 – 500
Thickness	52 ± 5	Um	ISO 534
	2.05 ± 0.20	Mil	
Tensile Strength (MD)	>39	N/15mm	ISO 1924/2
Tensile Strength (CD)	>10	N/15mm	
Brightness(Thermal Side)	86±3	%	ISO 2470

Preservation Properties		Printer : Okura Denki TH-M2/N1	
Item	Condition	Optical density before ageing	Optical density After ageing
Heat Resistance	60°C/24h	1.33	>1.00
Moisture Resistance	40°C/90%R.H/24h	1.33	>1.15
Light Resistance	5,000Lux, 24h	1.33	>1.25

### ► Dynamic Sensitivity



### ► Static Sensitivity



All figures mentioned above may be subject to technical changes.

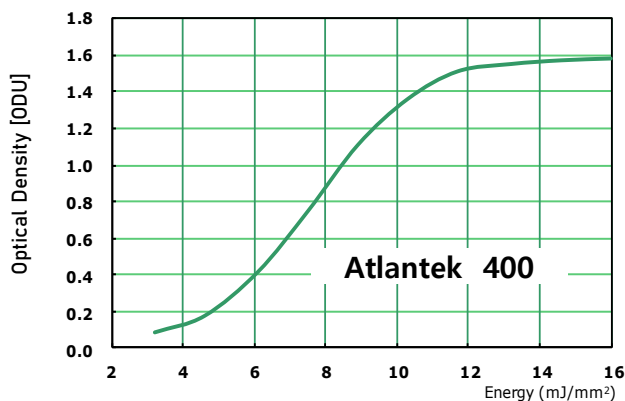
## NTC AF 52

Applications                      POS receipt, ATM receipt, Bank waiting list ticket and etc  
 Description                        Standard sensitivity, BPA Free  
    10 years image life, 3 years storage life (Under proper storage conditions for thermal paper)

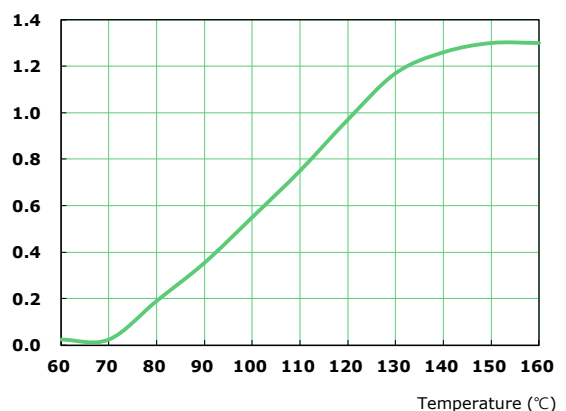
Physical Properties	Value	Unit	Test Method
Basis Weight	52 ± 5	g/m <sup>2</sup>	ISO 536
	13.9 ± 1.3	Lbs	17 × 22 – 500
Thickness	56 ± 5	Um	ISO 534
	2.20 ± 0.20	Mil	
Tensile Strength (MD)	>42	N/15mm	ISO 1924/2
Tensile Strength (CD)	>11	N/15mm	
Brightness(Thermal Side)	86±3	%	ISO 2470

Preservation Properties		Printer : Okura Denki TH-M2/N1	
Item	Condition	Optical density before ageing	Optical density After ageing
Heat Resistance	60°C/24h	1.33	>1.00
Moisture Resistance	40°C/90%R.H/24h	1.33	>1.15
Light Resistance	5,000Lux, 24h	1.33	>1.25

### ► Dynamic Sensitivity



### ► Static Sensitivity



All figures mentioned above may be subject to technical changes.

## NTC AF 55

Applications                      POS receipt, ATM receipt, Bank waiting list ticket and etc

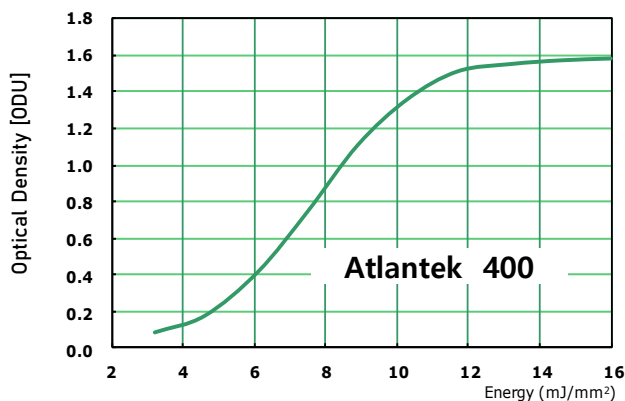
Description                        Standard sensitivity, BPA Free

   10 years image life, 3 years storage life (Under proper storage conditions for thermal paper)

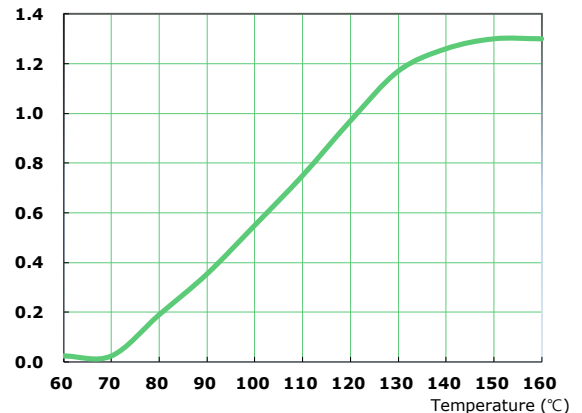
Physical Properties	Value	Unit	Test Method
Basis Weight	55 ± 5	g/m <sup>2</sup>	ISO 536
	14.6 ± 1.3	Lbs	17 × 22 – 500
Thickness	59 ± 5	Um	ISO 534
	2.32 ± 0.20	Mil	
Tensile Strength (MD)	>44	N/15mm	ISO 1924/2
Tensile Strength (CD)	>12	N/15mm	
Brightness(Thermal Side)	86±3	%	ISO 2470

Preservation Properties		Printer : Okura Denki TH-M2/N1	
Item	Condition	Optical density before ageing	Optical density After ageing
Heat Resistance	60°C/24h	1.33	>1.00
Moisture Resistance	40°C/90%R.H/24h	1.33	>1.15
Light Resistance	5,000Lux, 24h	1.33	>1.25

### ► Dynamic Sensitivity



### ► Static Sensitivity



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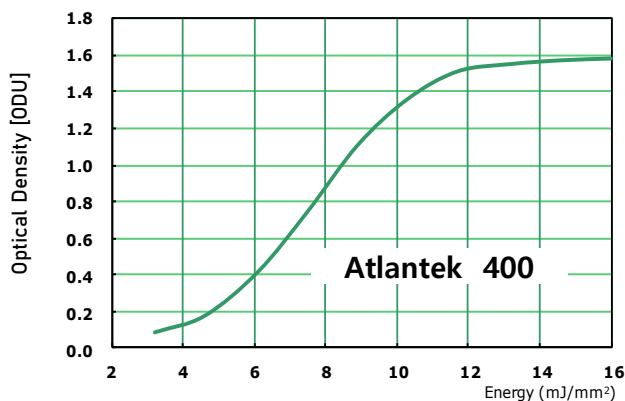
## NTC AF 58

Applications                    POS receipt, ATM receipt, Bank waiting list ticket and etc  
 Description                    Standard sensitivity, BPA Free  
    10 years image life, 3 years storage life (Under proper storage conditions for thermal paper)

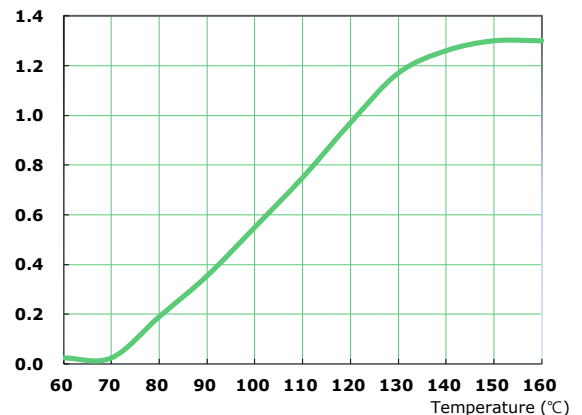
Physical Properties	Value	Unit	Test Method
Basis Weight	58 ± 5	g/m <sup>2</sup>	ISO 536
	15.4 ± 1.3	Lbs	17 × 22 – 500
Thickness	64 ± 5	Um	ISO 534
	2.52 ± 0.20	Mil	
Tensile Strength (MD)	>44	N/15mm	ISO 1924/2
Tensile Strength (CD)	>12	N/15mm	
Brightness(Thermal Side)	86±3	%	ISO 2470

Preservation Properties		Printer : Okura Denki TH-M2/N1	
Item	Condition	Optical density before ageing	Optical density After ageing
Heat Resistance	60°C/24h	1.33	>1.00
Moisture Resistance	40°C/90%R.H/24h	1.33	>1.15
Light Resistance	5,000Lux, 24h	1.33	>1.25

### ► Dynamic Sensitivity



### ► Static Sensitivity



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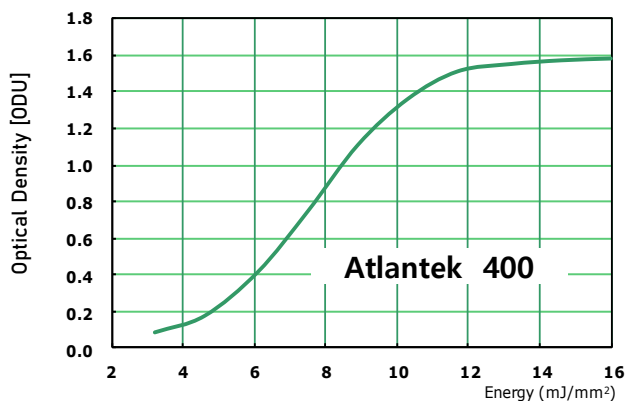
## NTC AF 65

Applications                    POS receipt, ATM receipt, Bank waiting list ticket and etc  
 Description                    Standard sensitivity, BPA Free  
    10 years image life, 3 years storage life (Under proper storage conditions for thermal paper)

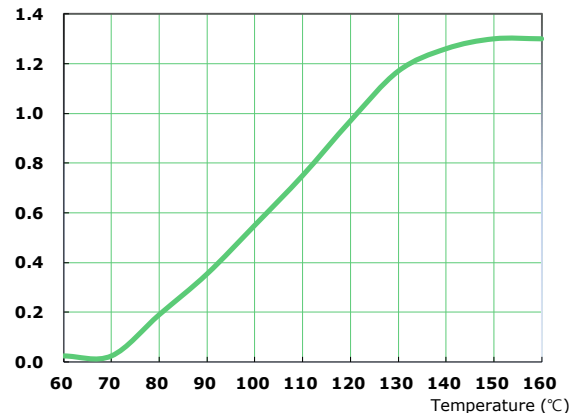
Physical Properties	Value	Unit	Test Method
Basis Weight	65 ± 5	g/m <sup>2</sup>	ISO 536
	17.3 ± 1.3	Lbs	17 × 22 – 500
Thickness	73 ± 5	Um	ISO 534
	2.87 ± 0.20	Mil	
Tensile Strength (MD)	>54	N/15mm	ISO 1924/2
Tensile Strength (CD)	>15	N/15mm	
Brightness(Thermal Side)	86±3	%	ISO 2470

Preservation Properties		Printer : Okura Denki TH-M2/N1	
Item	Condition	Optical density before ageing	Optical density After ageing
Heat Resistance	60°C/24h	1.33	>1.00
Moisture Resistance	40°C/90%R.H/24h	1.33	>1.15
Light Resistance	5,000Lux, 24h	1.33	>1.25

### ► Dynamic Sensitivity



### ► Static Sensitivity



All figures mentioned above may be subject to technical changes.