

CPS-5030A1

GENERAL DESCRIPTION

Cambrios Film Solutions is the leader in silver nanowire solutions to enable the development of electronic devices with transparent conductors. Our proprietary nanostructured materials can be deposited using existing production equipment to achieve enhanced performance of display and components at lower manufacturing cost.

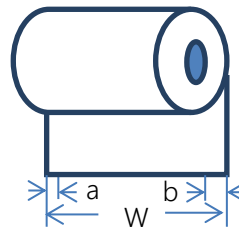
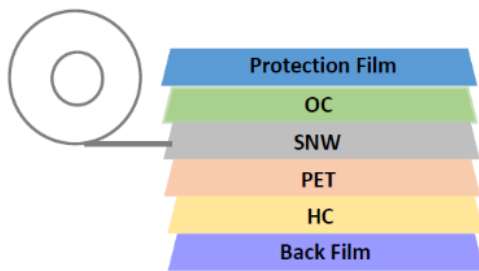
SCOPE

This specification applies to 30 Ω/\square SNW film

APPLICATIONS

Touch Sensors
OLED Displays

STACK STRUCTURE



Edge $a \leq \text{TBD}$; $b \leq \text{TBD}$

PROPERTIES

	Specification	Test Method
Haze	$\leq 2.0\%$	Haze meter — JIS K 7105
Thickness	$50 \pm 7 \mu\text{m}$	—
Sheet Resistance	$30 \pm 10 \Omega/\square$	non-contact resistance meter
Transmittance	$\geq 90.0\%$	Haze meter — JIS K 7105
Hardness	SNW+OC : $\geq 4\text{B}$	JIS K 5600
	HC : $\geq 1\text{H}$	
Adhesion	SNW+OC : $\geq 4\text{B}$	JIS K 5600
	HC : $\geq 4\text{B}$	
$b^*(\text{Trans.})$	≤ 1.8	Spectrometer

CPS-5050A1

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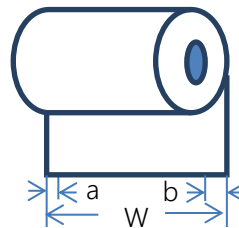
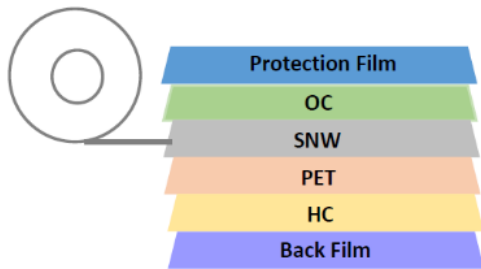
SCOPE

This specification applies to 50 Ω/□
SNW film

APPLICATIONS

Touch Sensors
OLED Displays

STACK STRUCTURE



Edge $a \leq \text{TBD}$; $b \leq \text{TBD}$

PROPERTIES

	Specification	Test Method
Haze	$\leq 1.6\%$	Haze meter — JIS K 7105
Thickness	$50 \pm 7 \mu\text{m}$	—
Sheet Resistance	$50 \pm 15 \Omega/\square$	non-contact resistance meter
Transmittance	$\geq 90.0\%$	Haze meter — JIS K 7105
Hardness	SNW+OC : $\geq 4\text{B}$	JIS K 5600
	HC : $\geq 1\text{H}$	
Adhesion	SNW+OC : $\geq 4\text{B}$	JIS K 5600
	HC : $\geq 4\text{B}$	
$b^*(\text{Trans.})$	≤ 1.5	Spectrometer

CPS-C530A1

GENERAL DESCRIPTION

Cambrios Film Solutions is the leader in silver nanowire solutions to enable the development of electronic devices with transparent conductors. Our proprietary nanostructured materials can be deposited using existing production equipment to achieve enhanced performance of display and components at lower manufacturing cost.

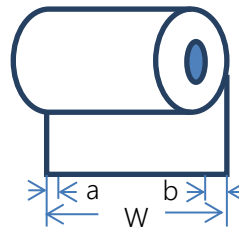
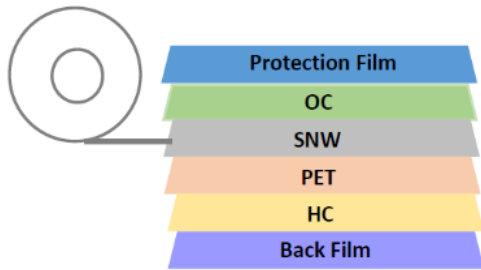
SCOPE

This specification applies to 30 Ω/□
SNW film

APPLICATIONS

Touch Sensors
OLED Displays

STACK STRUCTURE



Edge $a \leq \text{TBD}$; $b \leq \text{TBD}$

PROPERTIES

	Specification	Test Method
Haze	$\leq 2.0\%$	Haze meter — JIS K 7105
Thickness	$125 \pm 7 \mu\text{m}$	—
Sheet Resistance	$30 \pm 10 \Omega/\square$	non-contact resistance meter
Transmittance	$\geq 90.0\%$	Haze meter — JIS K 7105
Hardness	SNW+OC : $\geq 4B$	JIS K 5600
	HC : $\geq 1H$	
Adhesion	SNW+OC : $\geq 4B$	JIS K 5600
	HC : $\geq 4B$	
$b^*(\text{Trans.})$	≤ 1.8	Spectrometer

CPS-C550A1

GENERAL DESCRIPTION

Cambrios Film Solutions is the leader in silver nanowire solutions to enable the development of electronic devices with transparent conductors. Our proprietary nanostructured materials can be deposited using existing production equipment to achieve enhanced performance of display and components at lower manufacturing cost.

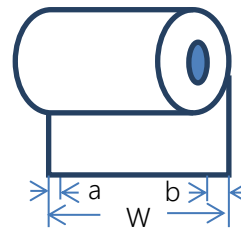
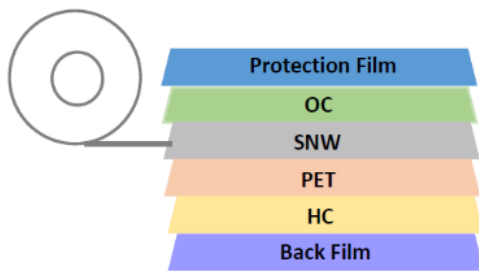
SCOPE

This specification applies to 50 Ω/\square SNW film

APPLICATIONS

Touch Sensors
OLED Displays

STACK STRUCTURE



Edge $a \leq \text{TBD}$; $b \leq \text{TBD}$

PROPERTIES

	Specification	Test Method
Haze	$\leq 1.6\%$	Haze meter — JIS K 7105
Thickness	$125 \pm 7 \mu\text{m}$	—
Sheet Resistance	$50 \pm 15 \Omega/\square$	non-contact resistance meter
Transmittance	$\geq 90.0\%$	Haze meter — JIS K 7105
Hardness	SNW+OC : $\geq 4\text{B}$	JIS K 5600
	HC : $\geq 1\text{H}$	
Adhesion	SNW+OC : $\geq 4\text{B}$	JIS K 5600
	HC : $\geq 4\text{B}$	
$b^*(\text{Trans.})$	≤ 1.5	Spectrometer