

STRATUS

STRATUS NEST

Description:

STRATUS NEST is a high-rigidity, dimensionally stable panel specially designed for printing, design, visual communication, and technical applications. It combines a high-quality kraft paper core with outer surfaces available in different color combinations (Kraft, White, or Black), enabling a wide range of aesthetic and functional uses.

Available in configurations such as Kraft/Kraft/Kraft, White/Kraft/White, Black/Kraft/Black, and Black/Black/Black.

1. Kraft / Kraft / Kraft

CORE PAPER	UNIT	VALUE	REMARKS
Color		Kraft	
Weight	g/m ²	160 ± 5	
Thickness	um	180 ± 10	
Stiffness	MD (Nm/g)	19.4	
	CD (kN/m)	3.1	

SURFACE PAPER	UNIT	VALUE	REMARKS
Color		Kraft	
Weight	g/m ²	440 ± 20	
Thickness	um	500 ± 20	
Stiffness	MD (Nm/g)	19	
	CD (kN/m)	8.36	

2. White / Kraft / White

CORE PAPER	UNIT	VALUE	REMARKS
Color		Kraft	
Weight	g/m ²	160 ± 5	
Thickness	um	180 ± 10	
Stiffness	MD (Nm/g)	19.4	
	CD (kN/m)	3.1	

SURFACE PAPER	UNIT	VALUE	REMARKS
Color		White	
Weight	g/m ²	400 ± 10	
Thickness	um	540 ± 10	
Stiffness	MD (Nm/g)	2705	
	CD (kN/m)	1519	

3. Black / Kraft / Black

CORE PAPER	UNIT	VALUE	REMARKS
Color		Kraft	
Weight	g/m ²	160 ± 5	
Thickness	um	180 ± 10	
Stiffness	MD (Nm/g)	19.4	
	CD (kN/m)	3.1	

SURFACE PAPER	UNIT	VALUE	REMARKS
Color		Black	
Weight	g/m ²	350 ± 5	
Thickness	um	465 ± 10	
Stiffness	MD (Nm/g)	31.4	
	CD (kN/m)	16.9	

4. Black / Black / Black

CORE PAPER	UNIT	VALUE	REMARKS
Color		Black	
Weight	g/m ²	150 ± 5	
Thickness	um	140 ± 10	
Stiffness	MD (Nm/g)	19.4	
	CD (kN/m)	3.1	

SURFACE PAPER	UNIT	VALUE	REMARKS
Color		Black	
Weight	g/m ²	350 ± 5	
Thickness	um	465 ± 10	
Stiffness	MD (Nm/g)	31.4	
	CD (kN/m)	16.9	

5. Adhesive Glue

Item	Value
Appearance	PVAc emulsion
pH	4 ~ 6



6. Sizes and dimentional tolerances of Stratus Nest

Item	Value
Thickness	PVAc emulsion
Width	From 1220mm to 2030mm (Max)
Length	From 20mm length, as per Indent
Tolerances	Thickness: 10mm (9.9 ~ 10.6mm), 16mm (15.9mm ~ 16.6mm)
	Length : + / - 3 mm
	Width : + / - 2 mm
	Squareness : Diagonal line, within 3.2mm (1/8")
	Flatness : Bend of 10 degrees (or 20 mm) compared to straight line.

7. Sizes:

STANDARD FORMAT	UNIT/ BOX	THICK- NESS	2030mm x 3050mm	1600mm x 3050mm	1530mm x 3050mm	1400mm x 3000mm	1350mm x 3200mm	1350mm x 2500mm	1250mm x 2500mm
Kraft / Kraft / Kraft	10	10mm		●	●	●	●	●	●
	5	16mm	●	●	●	●	●	●	●
White / Kraft / White	10	10mm		●	●	●	●	●	●
	5	16mm	●	●	●	●	●	●	●
Black / Kraft / Black	10	10mm				●	●	●	●
	5	16mm				●	●	●	●
Black / Black / Black	10	10mm				●	●	●	●
	5	16mm				●	●	●	●

