

## Coated Label

International Paper's Coated Label paper products are ideal for delivering exceptional converting performance and outstanding print quality for a variety of end uses. IP C1S papers are available in two different brightnesses which allows for balancing aesthetics and economics in a wide range of applications. IP C1S and C2S papers are designed for offset, flexo and gravure printing, and deliver superior performance in sheeting, labeling, finishing and other converting processes.

International Paper's C1S/C2S papers are available in a basis weight range of 55-100 lb/3300 ft<sup>2</sup> rolls and sheets.

IP C1S						
Property	Units	Typical Values				
	lb/3300 ft <sup>2</sup>	55	60	70	80	95
Basis Weight	lb/3300 ft <sup>2</sup>	55	60	70	80	95
	gsm	81.4	88.8	103.6	118.4	140.6
Caliper	0.001 in	3	3.2	3.8	4.2	5.1
	µm	76.2	81.3	96.5	106.7	129.5
Moisture	%	5.2	5.2	5.2	5.2	5.4
S5 Brightness, FS		87	87	87	87	87
CIE Whiteness		100	100	100	100	100
Opacity	%	85	87	90	91.5	93
Gloss, FS	%	70	70	70	70	70
Parker Print Surface, FS	µm	0.9	0.9	0.9	0.9	0.9
Gurley Stiffness, MD	gurley	110	135	200	350	600
Gurley Stiffness, CD	gurley	55	70	100	160	290
Scott Bond	ft-lbs x 10 <sup>-3</sup> /in <sup>2</sup>	160	160	160	160	160
	J/m <sup>2</sup>	336	336	336	336	336
Cobb Size, WS	g/m <sup>2</sup>	25	25	27	27	27
HST, WS	sec	200	200	200	200	200
IP C1S Hi-Brite – Same great qualities as IP C1S only brighter						
S5 Brightness, FS		90	90	90	90	90
CIE Whiteness		120	120	120	120	120
IP C2S						
Basis Weight	lb/3300 ft <sup>2</sup>	60	70	80	100	
	gsm	88.8	103.6	118.4	148.0	
Caliper	0.001 in	2.9	3.4	3.9	5.1	
	µm	73.7	86.4	99.1	129.5	
Moisture	%	4.5	4.5	4.5	4.5	
S5 Brightness, FS		87	87	87	87	
CIE Whiteness		100	100	100	100	
Opacity	%	91	93	94	96	
Gloss, FS	%	70	70	70	70	
Parker Print Surface, FS	µm	1.2	1.2	1.2	1.2	
Tear, MD	gf	36	45	58	80	
	mN	353	441	569	785	
Tear, CD	gf	48	62	76	110	
	mN	471	608	745	1079	
Scott Bond	ft-lbs x 10 <sup>-3</sup> /in <sup>2</sup>	170	170	160	160	
	J/m <sup>2</sup>	357	357	336	315	
Cobb Size, WS	g/m <sup>2</sup>	25	27	27	27	

## Coated Specialty Papers

### Features

- Visually appealing shades
- Excellent surface smoothness and printability
- Offset/Flexo/Gravure performance
- Dimensional stability
- Compatible with most glues
- Available in rolls and sheets
- SFI® Chain-of-Custody (CoC) certified
- FSC® CoC controlled wood standard

### Benefits

- Surface smoothness and consistency deliver vibrant images and outstanding print quality
- Optimized mechanical properties deliver excellent performance in demanding converting applications – sheeting, printing, cut & stack process, embossing, labeling, gluing and lamination

### End Uses

- Glue Applied Labels
- Boxwrap
- Litho-Lam
- Book Dust Jackets
- Point-of-Purchase Displays



Responsible Forest Management  
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