

JH-IMAGE CARBONLESS PAPER SPECIFICATIONS

Grades:	<u>Blue Images</u>	<u>Black Images</u>	<u>Test Method</u>
Regular basis weights (gsm):	CB white: 55 CFB white or tinted: 50 CF white or tinted: 55 GSM not mentioned herein can be produced subject to our Min. Order requirement.	CB white: 55 CFB white or tinted: 50 CF white or tinted: 55 GSM not mentioned herein can be produced subject to our Min. Order requirement.	GB451.2
Basis Weight variation:	±5%;	±5%;	Internal Method
Caliper Variation (CD):	≤5μm for 50GSM or less GSM; ≤7μm for 50GSM or greater GSM	≤5μm for 50GSM or less GSM; ≤7μm for 50GSM or greater GSM	Internal Method
Paper Density:	0.70-0.85 g/cm ³ ;	0.70-0.85 g/cm ³ ;	GB451.3
Opacity:	≥67%;	≥67%;	GB1543
Smoothness (CF side):	≥50 s;	≥50 s;	GB456
Whiteness:	≥85% with OBA; ≥78% without OBA;	≥85% with OBA; ≥78% without OBA;	GB7974
Chromatic deviation:	≤2.0% (coated side for tinted grades);	≤2.0% (coated side for tinted grades);	
Curls:	≤12 mm	≤12 mm	GB/T13528
Optical density Δ D (5min):	≥0.70 CB rolls and sheets ≥0.75 CFB rolls and sheets ; ≥0.75 CFB rolls and sheets ; ≥0.80 CF, rolls and sheets ;	≥0.30 (3 ply prints)	Internal Method
Imaging Sensitivity (3 ply prints):	Δ E ≥70%; Δ D ≥80%;	Δ E ≥70%; Δ D ≥80%;	Internal Method
Surface strength (medium viscosity printing ink):	≥0.5 m/s (printing side);	≥0.5 m/s (printing side);	Internal Method
Light resistance (residual Δ E after 144 hrs):	≥50%;	≥50%;	Internal Method
Friction resistance (Δ E):	≤5%;	≤5%;	Internal Method
TSI (MD):	≥60 N.m/g;	≥60 N.m/g;	Internal Method
Surface PH:	6.0-9.0	6.0-9.0	
Moisture on delivery:	6.7%-7.8 % for rolls; 6.0%-8.5% for sheets;	6.7%-7.8 % for rolls; 6.0%-8.5% for sheets;	GB462
Regular roll sizes:	120-600mm, paper length = 6,000m or 12,000m but 6,000m is highly recommended.		
Regular sheet sizes:	700*1000, 610*914, 690*890, 610*860, 770*1100; 720*920, etc		
Export Packing:	JH-IMAGE reams are wrapped with film coated heavy craft paper and then palletized; and the reels are wrapped with thin plastic film inside and corrugated paperboard outside.		