
















DocuCheck® Impede™ Security Feature		Lower-level Security Paper Risk	HOW IMPEDE™ PREVENTS / DETERS / PROVIDES:			
			Forgery (Alteration)	Counterfeiting (Duplication)	Authenticity Verification	
	<p>LineMark™ (Overt/obvious)</p> <ul style="list-style-type: none"> Patented papermachine marking system. Alteration of paper fibers creates the appearance of lines in the paper. Lines optically change from light to dark depending upon the reflected light (set on table top) or transmitted light (held up to the light). 	<ul style="list-style-type: none"> Some lower-level security papers use “ghosted” images or “artificial watermarks.” These are visible only when viewed at specific angles. Once effective, these features are now easily duplicated by counterfeiters using printing techniques. 		<ul style="list-style-type: none"> LineMark™ serves as an anti-clip feature – if a section of paper is shaved from one area and pasted onto another, the mismatched line pattern is easily detectable. 	<ul style="list-style-type: none"> If scanned or photocopied, LineMark™ lines do not optically change from light to dark. Criminals cannot create this feature in copies or duplicates. 	<p>Checked with normal lighting</p> <ul style="list-style-type: none"> Presence of LineMark™ lines verifies authenticity. Absence of LineMark™ lines signals a fake.
<p>High Polarity Solvents</p>  <p>Low Polarity Solvents</p>  <p>Oxidants/Bleaches</p> 	<p>Chemical-Reactant Stains (Cover/hidden)</p> <ul style="list-style-type: none"> Permanent stains develop on front and back when any of more than 50 chemicals contact the paper. Fugitive Color: When bleach contacts the paper, the color on the back disappears (solid brown stain appears on the front). 	<ul style="list-style-type: none"> Some lower-level security papers feature a “multi-language void” stain. When bleached, the word “void” appears in several languages. However, only part of the word itself appears (not the entire background, as it does with Impede™). So when only small areas are bleached, the stain is not easily detected. 	<p>Multi-Language Void Bleach Stain</p>  <p>Impede™ Void Bleach Stain</p> 	<ul style="list-style-type: none"> Chemical-Reactant Stains serve as easily recognizable signs of attempted alteration. Fugitive Color on back further reveals attempted bleach alterations. 	<ul style="list-style-type: none"> Criminals cannot create these features in copies or duplicates. 	<p>Apply chemicals to paper</p> <ul style="list-style-type: none"> Presence of stains or fugitive color verifies authenticity. Absence of stains or fugitive color signals a fake.
	<p>Impede™ TonerFuse® Coating (Covert/hidden) (On all 25# Impede™ products)</p> <p>1. Fuses toner 2. Delaminates</p> <ul style="list-style-type: none"> Causes toner to fuse into paper making removal very difficult. Paper visibly delaminates when toner is removed with tape or by scraping. 	<ul style="list-style-type: none"> Lower-level security paper “toner hold” features fail to show recognizable evidence of attempted alteration (delamination/abrasions) from scraping and tape pulls. 	<p>Standardized Tape Pull Test</p> 	<ul style="list-style-type: none"> Impede™ TonerFuse® shows easily recognizable evidence of attempted alteration (delamination/abrasions) from scraping and tape pulls. 		
	<p>Invisible Fluorescent Fibers (Covert/hidden)</p> <ul style="list-style-type: none"> Randomly embedded blue and green fluorescent fibers. Invisible in normal light, glow under blacklight. 			<ul style="list-style-type: none"> Fibers cannot be photocopied or scanned. Criminals cannot create this feature in copies or duplicates. 	<p>Checked with a blacklight source</p> <ul style="list-style-type: none"> Presence of fibers verifies authenticity. Absence of fibers signals a fake. 	