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Description	OP1003 is formulated to be non-bleeding and lower odor than other UV Varnishes. The OP1003 is specifically formulated for Tag and Label printing. The overprint varnish has excellent rheology characteristics making it ideal for most printing equipment, and product applications.																		
Substrates	Pressure sensitive vinyl's, top coated and print treated polyester, BOPP film, polyethylene, polystyrene and some paper & board.																		
Properties	<table border="0"> <tr> <td>Target Viscosity</td> <td>400 cps @25° C</td> </tr> <tr> <td>Cure</td> <td>300-600 W/inch Medium Pressure Hg Lamp</td> </tr> <tr> <td>Gloss</td> <td>>80(60°)</td> </tr> <tr> <td>Rub</td> <td>500+ Sutherland Rubs (4lb weight, face to face) 800 Sutherland Rubs - 4lb weight, face to face</td> </tr> <tr> <td>Slide</td> <td>8-12° (face to face)</td> </tr> <tr> <td>MEK</td> <td>>50 double rubs</td> </tr> <tr> <td>Shelf Life</td> <td>6 months (Unopened containers)</td> </tr> <tr> <td>Benzophenone (BP)</td> <td>This product is formulated with Benzophenone.</td> </tr> <tr> <td>BP Free Alternative</td> <td>OPF1003</td> </tr> </table>	Target Viscosity	400 cps @25° C	Cure	300-600 W/inch Medium Pressure Hg Lamp	Gloss	>80(60°)	Rub	500+ Sutherland Rubs (4lb weight, face to face) 800 Sutherland Rubs - 4lb weight, face to face	Slide	8-12° (face to face)	MEK	>50 double rubs	Shelf Life	6 months (Unopened containers)	Benzophenone (BP)	This product is formulated with Benzophenone.	BP Free Alternative	OPF1003
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Application Suggestions	180-360 line (cells per inch) corresponding to a volume from 8.0 to 5.0 bcm. Reverse angle doctor blade is recommended. This product is formulated to be press ready and can be printed over Nazdar® Rotary Screen, UV Flexo and Water Base Flexo inks.																		
Performance Verification	After press/job set up is complete, inspect a portion of the printed web for all applicable and specified properties. These properties include but are not limited to: cure, adhesion, mar and rub resistance, product resistance, gloss, and coefficient of friction. These tests should be performed prior to beginning the full production run.																		
Clean Up	Use NWC10 EZ Cleaner or suitable solvent.																		
Storage and Handling	Proper personal protection equipment and adequate ventilation are required when handling this material. Please consult MSDS for details on proper handling of this material. This product should be stored in a sealed container away from heat, flame and should not be exposed to any direct light source. Otherwise, premature cure or gel could occur. The product should be mixed prior to use.																		

Nazdar® stands behind the quality of this product. Nazdar® cannot, however, guarantee the finished results because Nazdar® exercises no control over individual operating conditions and production procedures. While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. Users are also responsible for testing to determine that our product will perform as expected during the printed item's entire life-cycle from printing, post-print processing, and shipment to end-use. Any liability associated with the use of this product is limited to the value of the product purchased from Nazdar®.

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