AMAZING BASE 12004PFB					PRODUCT INFORMATION BULLETIN	
						epic
AMAZING BASE 12004PFB is a non-phthalate mixing base for manual and automatic screen printing on 100% cotton and cotton/poly blend substrates. Combining elements in design versatility and press performance, Amazing Base has been engineered to produce optimal color vibrancy and printability providing the versatility and performance you expect from a Wilflex Color System. HIGHLIGHTS					RECON	MMENDED PARAMETERS
						Fabric Types 100% cotton, cotton/poly blends, some synthetics
	t colors when mixed wi		Wet-on-wet printing at high pr with exceptional resistance to			Mesh
Semi-opaqu			Satin finish	σαιια-αρ		Count: 86-305 t/in (34-120 t/cm) Tension: 25-35 n/cm2
W Good color f	astness to crocking tes	t				Squeegee Durometer: 60/90/60, 70/90/70, 60-90
PRINTIN Vse consiste		een mesh and sharp	edged squeegees for best prin	t results		Profile: Square, Sharp Stroke: Medium flood, Medium-Fast stroke Angle: 10-15%
When blend	ed according to formula	ations, colors will be	semi-opaque			Stencil
Exhibits good color reproduction on white garment and over a base plate. For some colors, base mixing systems are limited in color saturation and may require an increased ink deposit or formula adjustment to achieve accurate color					A A A	2 over 2 Off Contact: 1/16" (.2cm) Emulsion Over Mesh: 15-20%
Amazing Base is not a low-bleed ink; when printing on fabrics that are prone to bleed underbase with an approved WILFLEX low bleed white and/or blocker					°F	Flash & Cure
Exhibits good color retention in high-speed wet-on-wet production with exceptional resistance to build up						Flash: 220°F (105°C) Cure: 300°F (149°C)
 Adjust flash cure temperature and dwell time so ink is just dry to touch. Depending on flash unit, a 2 - 3 second flash is adequate For cold-peel transfers, use a coated release paper or polyester film 					Ø	Pigment Loading EQ: Refer to IMS
						PC: Refer to IMS MX: N/A RIO: N/A
					×,	Wilflex [™] Additives ASI Viscosity Buster-1% max ASI Finesse
						Storage
COMPLIANCE V Non-phthalate						65-90°F (18-32°C) Avoid direct sunlight Use within one year of receipt
 For individual compliance certifications and conformity statements, please visit: www.avient.com/wilflex-compliance PRECAUTIONS The information above is given in good faith and does not release you from testing inks and fabrics to 						Clean Up Ink degradant or press wash
			et your customer standards a			Health & Safety
×A\	/IENT [™]	AVIENT SPECIALTY INKS	V3.06 (Modified: 0	5/06/2025)		Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR
obtainable using the infor Values reported as "typica from the values stated in t	mation. Some of the information al" or stated without a range do no the information. Avient makes no	arises from laboratory work ot state minimum or maximum warranties or guarantees resp	with small-scale equipment which may not n properties; consult your sales representat ecting suitability of either Avient's product	provide a reliable indication of ive for property ranges and m ts or the information for your	of performance or prop in/max specifications. process or end-use app	lity for particular applications, or the results obtained or erties obtained or obtainable on larger-scale equipment. Processing conditions can cause material properties to shift dication. You have the responsibility to conduct full-scale wave and AUDEXT AAX (FO NO YAD AD AUTOR SUPPORT
end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.						