

Environmentally-friendly Pressure Sensitive Materials from NASTar Inc. that can be returned to the Paper Recycling Stream

NASTar Inc offers a **Compostable/Biodegradable Adhesive** degradable to innocuous materials under conditions commonly used in solid waste composting systems. **P4760 Adhesive** has been formulated primarily as a permanent adhesive based on components reported to meet the requirements of DIN CERTCO and BPI for biodegradability and compostability.

NASTar Inc. offers **Environmentally benign RCAs (Recyclable Adhesives)**, meaning the paper adhesive label, when affixed to paper, can be processed through the paper recycling stream. This allows the product to be pulped without “stickies.” An RCA breaks down into large particles that can be trapped in the screens and removed as solid waste to be landfilled with other waste or burned for energy. Our **P7700 adhesive**, specified by Section 702 of Executive Order 13148, was awarded approval as an environmentally benign PSA.

Our **Temporary Adhesive** product line (**T1055** and **T2**), tested against TAPPI UM213 is **repulpable**. It is designed to dissolve in the de-inking process; the waste water is carried for processing and the pulp fibers are carried through the paper recycling.

Linerless Constructions are also available for even more environmentally-friendly product alternative with **no liner waste**.

Enviro 100% Post Consumer Waste Green Seal®* and FSC Certified** face sheet is now available with all of the above structures.

* Green Seal is a Registered Trademark of Green Seal Inc. ** FSC SW-COC-1724

This product information is presented in good faith and is, to the best of our knowledge, accurate. It is intended to be used as a guide and not to be construed as a specification for products described herein. NASTar does not guarantee satisfactory results in any application from reliance upon this information and assumes no liability for any loss or damage arising out of its use. NASTar recommends that the user of our products thoroughly test them under end use conditions to assure that they meet the specific requirements of intended applications.



NASTAR
INNOVATION ★ PERFORMANCE

Environmentally-friendly PS

COMPOSTABLE/BIODEGRADABLE PS ADHESIVES

Product Code	Facestock	Adhesive	Liner
BF4050	Semi Gloss	P4760	40# SC
EEF3250	Laser Enviro 100PCW	P4760	3.2 mil laser

ENVIRONMENTALLY BENIGN PS ADHESIVES – RECYCLABLE ADHESIVE PRODUCTS

Product Code	Facestock	Adhesive	Liner
BH5089	Semi Gloss	P7700	50# SC
DH3289	Laser Opaque	P7700	3.2 mil laser
EEH3289	Laser Enviro 100 PCW	P7700	3.2 mil laser
FH3989	Laser Inkjet Brown Kraft	P7700	3.9 mil laser
TH5089	Thermal Transfer	P7700	50# SC
XPH5089	.002 Sheer Clear	P7700	50# SC
BN5060	Semi Gloss	T4R	50# SC

REPULPABLE ADHESIVE PRODUCTS – T1055 TEMPORARY ADHESIVE PRODUCTS

Not just a permanent or removable that may do one task well. T1055 removes cleanly from paper or glass, yet the same label adheres to wood, and even damp, cold surfaces.

LINERED CONSTRUCTIONS

Product Code	Facestock	Adhesive	Liner
AZ4050	High Gloss	T1055	40# SC
AZ5050R	High Gloss	T1055	50# RMK
BZ4050	Semi Gloss	T1055	40# SC
BZ5050R	Semi Gloss	T1055	50# RMK
CLZ5055	Coated Tag	T1055+	50# RMK
DTZ4050	Direct Thermal	T1055	40# SC
DTZ4055	Direct Thermal	T1055+	40# SC
EZ5050	Laser EDP	T1055	50# RMK
EZ5090	Laser EDP	T1055 HCW	50# RMK
HZ5050	Latex	T1055	50# SC
TTZ4050	Thermal Transfer	T1055	40# SC
YZ5050R	Silver Lam Foil	T1055	50# RMK

LINERLESS SELFWOUND

Product Code	Facestock	Adhesive	Liner
SWDT90	Direct Thermal	T1055.90	Linerless
SWEN20W	20# White Bond	T1025	Linerless
SWEN20W0	20# White Bond B0	T1025	Linerless
SWEZ20W	20# White Bond	T1055Icw	Linerless
SWEZ20W0	20# White Bond B0	T1055Icw	Linerless
SWFZ44	Brown Kraft	T1055	Linerless

REPULPABLE T2 TEMPORARY ADHESIVE PRODUCTS

Water based microsphere adhesive designed to provide good temporary adhesion to a variety of substrates. Primary adhesive for pattern coated and linerless products.

T2 FULL ADHESIVE PRODUCTS. AVAILABLE IN PATTERN COATED CONSTRUCTIONS

Product Code	Facestock	Adhesive	Liner
AX4050	High Gloss	T2	40# SC
BX4050	Semi Gloss	T2	40# SC
EBX4050	50# Blue Unctd	T2	40# SC
ECHX4050	50# Chartruese Unctd	T2	40# SC
ECRX4050	50# Cherry Unctd	T2	40# SC
EGX4050	50# Green Unctd	T2	40# SC
EPKX4050	50# Bright Pink Unctd	T2	40# SC
EPX5060	Quill Pen Parchment	T2	50# XT
ETX5060	Fine Threads	T2	50# XT
EVWX4050	Bright White	T2	40# SC
EYX4050	50# Yellow Unctd	T2	40# SC
MBX5060	Metallic Reflection	T2	50# XT
TTX4050	Thermal Transfer	T2	40# SC

SPECIALTY LINERLESS SELFWOUND

Product Code	Facestock	Adhesive	Liner
SWAX24	High Gloss	T2	Linerless
SWBX24	Semi Gloss	T2	Linerless
SWBX24-DOT	Semi Gloss	T2 - DOT	Linerless
SWEX20	20# White Bond	T2	Linerless
SWYX20	20# Yellow Bond	T2	Linerless



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As with all recycled products, the individual paper mills must make the final determination of repulpability or recyclability on their specific standards.