

Brady Corporation, a world leader in identifying high-performance products, components, and other assets, has teamed up with ZESTRON, a leader in providing high precision cleaning process solutions and services, in conducting extensive compatibility testing.

These test results should be used as a guideline. Because every customer’s process differs, Brady strongly suggests that prospective customers test and approve the Brady materials in their process prior to specification and purchase.

Brady recommends reflow after printing to ensure maximum print durability.

**Test Procedure:**

Prior to being applied on FR4 materials, all labels were printed using a Brady thermal transfer printer. Compatibility tests were conducted at ZESTRON Application Technology Center on industry leading inline cleaners.

**Label/Ribbon Materials Tested**

- B-767: 2 mil polyimide film with a glossy white thermal transfer printable topcoat, and an electrostatic dissipative acrylic adhesive
- B-768: 1 mil polyimide film with a glossy white thermal transfer printable topcoat, and an electrostatic dissipative acrylic adhesive
- B-797: 2 mil polyimide film with a glossy white thermal transfer printable topcoat, and an acrylic pressure sensitive adhesive
- B-7797: 2 mil polyimide film with a glossy white thermal transfer printable topcoat, and an acrylic pressure sensitive adhesive

Process	Spray-in-air Inline
# of Wash Passes	4
Conveyor Belt Speed	2 ft/min
Chemical Exposure Time	2.6 min/wash pass
Pre-Wash Pressure	50/40 PSI
Wash Pressure	80/70/40/40 PSI
Wash Temperature	150°F
Chemical Isolation Pressure	25/25 PSI
Rinse Pressure	80/70/40/40 PSI
Rinse Temperature	140°F
Dryer Temperature	160/180/180°F

+ COMPATIBLE  
 - NOT COMPATIBLE  
 N/A NOT EVALUATED

## LEAD-FREE REFLOW

	ATRON® AC205	ATRON® AC207	VIGON® A201	VIGON® N600	VIGON® N680	VIGON® PE190A	VIGON® NX 728	VIGON® PE 180	VIGON® PE 193A
<b>Concentration</b>	15%	15%	15%	15%	15%	15%	15%	15%	15%
<b>Label/Ribbon Combination</b>									
B-768/R6000	+	+	+	+	-	+	+	-	+
B-768/R6300	+	+	+	+	+	+	+	+	+
B-797/R6000	+	+	+	+	-	+	+	-	+
B-797/R6300	+	+	+	+	+	+	+	+	+
B-767/R6000	+	+	+	+	+	+	+	+	+
B-767/R6300	+	+	+	+	+	+	+	+	+
B-7797/R6000	+	+	-	-	-	-	+	-	-
B-7797/R6300	+	+	-	-	-	-	+	-	-

## NO REFLOW

	ATRON® AC205	ATRON® AC207	VIGON® A201	VIGON® N600	VIGON® N680	VIGON® PE190A	VIGON® NX 728	VIGON® PE 180	VIGON® PE 193A
<b>Concentration</b>	15%	15%	15%	15%	15%	15%	15%	15%	15%
<b>Label/Ribbon Combination</b>									
B-768/R6000	-	-	+	+	+	+	+	+	+
B-768/R6300	-	+	+	+	+	+	+	+	+
B-797/R6000	+	+	+	+	+	+	+	+	+
B-797/R6300	+	+	+	+	+	+	+	+	+
B-767/R6000	+	+	+	+	+	+	+	+	+
B-767/R6300	+	+	+	+	+	+	+	+	+
B-7797/R6000	+	+	+	+	+	+	+	+	+
B-7797/R6300	+	+	+	+	+	+	+	+	+



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Brady Corporation is an international manufacturer and marketer of complete solutions that identify and protect people, products, and places. Brady's products help customers increase safety, security, productivity, and performance and include high-performance labels, signs, safety devices, printing systems and software. Founded in 1914, the Company has a diverse customer base in electronics, telecommunications, manufacturing, electrical, construction, medical, aerospace and a variety of other industries.

Brady is headquartered in Milwaukee, Wisconsin and as of July 31, 2023, employed approximately 5,600 people in its worldwide businesses. Brady's fiscal 2023 sales were approximately \$1.33 billion. Brady stock trades on the New York Stock Exchange under the symbol BRC. More information is available on the Internet at [www.bradyid.com](http://www.bradyid.com)

### Americas

[www.bradyid.com](http://www.bradyid.com)

### Europe - Middle East - Africa

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Headquartered in Manassas, VA, and operating in more than 35 countries, ZESTRON is the globally leading provider of high precision cleaning products, services, and training solutions for the electronics manufacturing industry. With eight worldwide technical centers and the largest team of chemical engineers in the industry, ZESTRON's commitment to ensuring that its customers surpass even the most stringent cleaning requirements is without equal.

### Global Locations

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