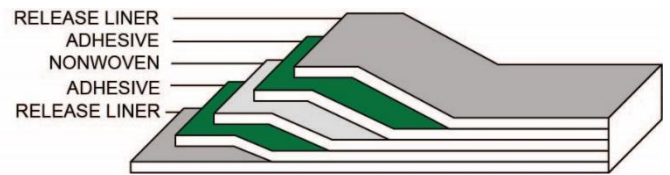


**SoftWear® 93194 is a double-sided tape with white spunlaced nonwoven coated with a gentle skin adhesive on one side and a device bonding adhesive on the other side. The skin adhesive side is protected by the white polyester liner and the device adhesive side is protected by the clear polyester liner.**

**PRODUCT APPLICATIONS**

The typical use for this product is for bonding on skin for up to 3 days.



**FEATURES AND BENEFITS**

- Adhesive is non-toxic, non-irritating and non-sensitizing
- Good adhesion on skin
- Good adhesion on low surface energy materials
- Gentle, residue-free, removal from skin
- Biocompatible per ISO 10993
- Tailorable wear times (up to 3 days)
- Repositionable for wound monitoring

Product Construction			
	Typical Values*		Description
Liner thickness	2.0 mil	51 µm	White Polyester release liner
Adhesive thickness	2.0 mil	51 µm	MA-122 Skin adhesive
Non-woven thickness	45 gsm		Spunlaced white PET non-woven
Adhesive thickness	2.0 mil	51 µm	AS-203 device adhesive
Liner thickness	2.0 mil	51 µm	Clear Polyester release liner
Total thickness	10.8 mil	274 µm	(Excluding liner)

\*All stated values are nominal and should only be used as a guide for selection. They are not specifications.

**SAFETY DATA**

The acrylic skin adhesive family containing MA-122 has passed cytotoxicity, skin irritation and skin sensitization testing conducted by an independent laboratory. The device adhesive AS-203 has passed cytotoxicity and skin irritation testing. Additional safety information is available upon request.

# Product Information Sheet

## SoftWear® 93194 (Developmental)



Technical Properties			
Attribute*	Typical Values*		Test Method*
Skin adhesive peel adhesion on SS	5 oz/inch	1.4 N/25mm	180°, 12 ipm, 5 min. dwell
Device adhesive peel adhesion on SS	60 oz/inch	16.7 N/25mm	
Release of skin side liner	45 g/2"		180°, 300 ipm
Release of device side liner	45 g/2"		
Moisture vapor transmission rate	480 g/m <sup>2</sup> /day		ART 4047
Recommended storage of unconverted product	70°F ± 20°F 50% ± 20% RH	21°C ± 11°C 50% ± 20% RH	
Shelf life of unconverted product	Not to exceed one year from date of manufacture		

\*All stated values are nominal and should only be used as a guide for selection. They are not specifications.

Note: The information contained on this data sheet is based upon test results of limited quantities of this material and may be modified by Adhesives Research following additional production experience and evaluation. This data should not be used in preparing specifications. Products identified as developmental may be subject to modification by Adhesives Research, Inc.

#### APPLICATION AND STORAGE OF PRESSURE-SENSITIVE ADHESIVE TAPES

Pressure-sensitive adhesive tapes function as a mechanical product; however, the adhesive itself is a chemical composition that can be sensitive to environmental conditions. A purchaser of pressure-sensitive adhesive products should be aware of the shelf life of each product and not purchase more than it can use before the expiration date. Shipping and storage conditions affect shelf life. The optimum storage temperature is 70 °F (21 °C). Cool, dry storage is recommended.

#### For best results...

- 1) The surfaces you wish to bond should be clean and free of oil, moisture and dust. If the surface temperature is below 40°F, it may be difficult to achieve a proper bond.
- 2) Do not use a pressure-sensitive adhesive product where it will be exposed to temperatures lower or higher than those designated for each product. Heat can destroy the effectiveness of the bond and extreme cold can cause the adhesive to harden and not adhere properly.
- 3) When the tape is applied, use firm hand or lamination pressure to achieve contact between the adhesive and the surface to which it is applied. Hand rollers or nip rollers may be needed for certain products or applications.

Consult your AR sales representative if you need additional information.

#### THIS IS NOT AN OFFER

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