



Double Coated Tissue Tape

55236A

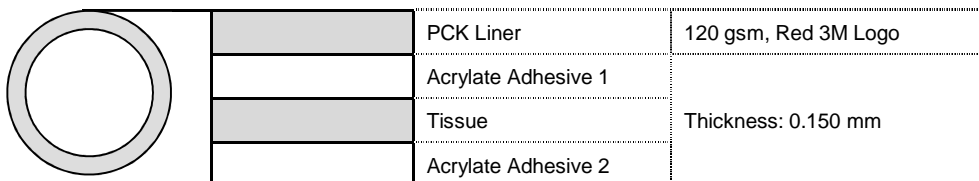
Technical Data

Nov, 2018

Product Description

3M™ 55236A is a double coated pressure sensitive adhesive tape. High adhesion acrylic pressure sensitive adhesive is coated on both sides of flexible tissue carrier. High adhesion acrylic pressure sensitive adhesive provides good bonding strength on many types of substrate including low surface energy plastics. Polycoated paper liner is chosen to provide good humidity resistance and easy convertibility.

Construction Information



Product	Adhesive 1 Thickness mm	Carrier Type Carrier (g/sqm)	Adhesive 2 Thickness mm	Liner Type Liner Thickness Liner Color
55236A	0.075 mm	Tissue 14 gsm	0.075 mm	PCK Liner 120 gsm White

Typical Physical Properties and Performance Characteristics

Adhesion Peel: ASTM D-3330 modified

12 inch/min peeling speed and 2 mil PET Film Backer

	30 minute dwell 180° peel (N/mm)	72 hour dwell 180° peel (N/mm)
SS	1.121	1.219
ABS	0.890	1.098
PP	0.856	0.992

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Environmental Performance

Humidity Resistance – High humidity has a minimal effect on adhesive performance. Bond strength (is generally higher/shows no significant reduction) after exposure for 7 days at 90°F (32°C) and 90% relative humidity.

UV Resistance – When properly applied, nameplates and decorative trim parts are not adversely affected by outdoor exposure.

Temperature Cycling Resistance – High bond strength (is maintained /increases) after cycling four times through:

4 hours at 158°F (70°C)

4 hours at -20°F (-29°C)

4 hours at 73°F (22°C)

Chemical Resistance – When properly applied, nameplate and decorative trim parts will hold securely after exposure to numerous chemicals including oil, mild acids and alkalis.

Bond Build-up: The bond strength of 3M™ 55236A increases as a function of time and temperature

Temperature/Heat Resistance: 3M™ 55236A is usable for intermittent longer periods (days, weeks) up to 185°F (75°C).

Lower Temperature Service Limit: 59°F (15°C).

Application Ideas

- Plastic film lamination/bonding
- Process bonding
- Nameplate bonding

Master Width

Product	Master Width
55236A	1200 mm

More sizes may be available. Please call 800-223-7427 or talk to your local 3M representative for more information.

Storage

It is suggested that products are stored at room temperature conditions of 70°F (21°C) and 50% relative humidity.

Shelf Life

If stored properly, product retains its performance and properties for 24 months from date of manufacture.

Recognition/Certification

TSCA: This product is defined as an article under the Toxic Substances Control Act and therefore, it is exempt from inventory listing requirements

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MSDS: 3M has not prepared a MSDS for this product which is not subjected to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R.1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the 3M directions for use, this product should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the directions for use may affect its performance and present potential health and safety hazards.

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Adhesive Transfer Tapes
are also available with this adhesive!



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For more information contact your local 3M representative or call 800-223-7427



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