

3M Medical Specialties

Frequently Asked Questions

August 2013

3M Advanced Polyolefin Tape No. 9795R

3M Medical Specialties is the trusted source for quality components for microplate sealing and other uses in life science applications. This technical bulletin is provided to answer some of the most common questions about this unique product.

**What does “non-tacky” mean?
How is that important?**

Most pressure sensitive adhesives are sticky after removing the release liner that protects the adhesive surface. They will attach quickly without much pressure to many surfaces including gloves and some cannot be removed easily to adjust placement. 3M #9795R was designed with a unique silicone-based adhesive that is truly sensitive to the pressure applied. After removing the white release liner, the adhesive is relatively non-tacky and removes easily from gloves and surfaces until firm pressure [roll down or squeegee] is applied. Some batches may be slightly tacky to the touch but still can be adjusted before final attachment.

**What is the composition of the
3M #9795 Tape?**

The tape consists of a 3M proprietary silicone-based adhesive coated on a clear polyolefin film backing. The adhesive side is protected by a white polyester film release liner that uses a unique hybrid silicone-fluoropolymer chemistry.

**Why does the white release liner
stick sometimes when removed
from the #9795 Tape?**

The intermittent removal of the release liner is called “stick-slip phenomena”. This type of occurrence happens to all tapes to a certain degree but the unique properties of this adhesive and release surface magnify the effect. The release liner should be removed in one continuous motion to reduce and/or eliminate any noticeable phenomena when using precut microplate covertapes. Converting equipment should be adjusted [or “dancer bars added] to keep tensions at an even continuous level when removing the liner.

**Why does the tape occasionally
have haze after removal of the
liner?**

The #9795R tape may occasionally have varying levels of haze. This is due to a temporary disruption of the surface of the adhesive upon removal of the liner. The haze will rapidly dissipate within minutes or upon heating and will not interfere with optical applications.

**What is the shelf life of the #9795
Tape?**

With proper storage and handling, 3M #9795R Advanced Polyolefin Tape will maintain the stated properties for a period of two years from the date stamped on the core.

How should the tape be stored?

It is recommended that the product remains wrapped in the original packaging until used. The product should be stored between 50°F-80°F (10°C-27°C) and relative humidity between 40%-60% or less.

If there are additional questions concerning 3M #9795 Advanced Polyolefin Tape, please contact your 3M Medical Specialties Account Representative or Customer Service at 1-800-228-3957 (U.S.) or 651-604-5599 (International).

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Call us at Customer Service to place an order: 800-742-1994 (U.S.). Visit our website: www.3M.com/medicalspecialties for product and services information, news about conferences we will be attending, new product highlights or to make a direct inquiry.

To have a sales representative contact you, to request samples or clinical and safety summaries, please contact us at 3M HELPLINE 800-228-3957 (U.S.) or for international inquiries, please contact your local country representative. Our 3M Medical Specialties subsidiary contacts are listed below.

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