



# F10-316

## POLYESTER THERMOSET FILM ADHESIVE

### KEY FEATURES

- Low temperature activation
- Fast curing
- Good water resistance

### DESCRIPTION

Bostik film adhesive F10-316 is a fast curing thermoset film based on linear saturated copolyester resins. It is designed to have excellent adhesion to fabrics and foams while imparting excellent wash resistant properties when cured. The F10-316 film has a fast set time and is softer with improved flow properties compared to other film adhesives offered by Bostik.

### KEY BENEFITS

- Suitable for flexible applications requiring good flow properties
- Fast processing times
- Adheres to fabrics, foams, films, and foils

### PACKAGING

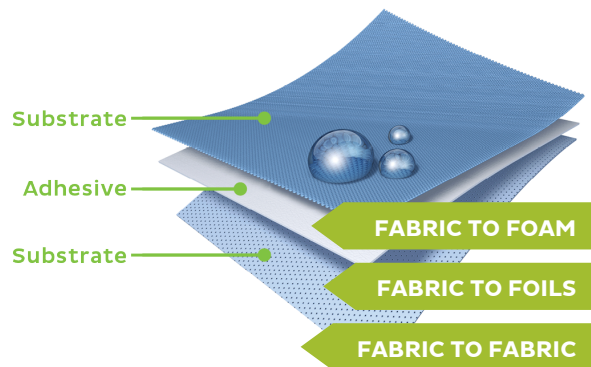
F10-316 is supplied on a liner system of silicone-coated 60# kraft paper. It is available at a 2 mil thickness (51 micron) and a width of 60 inches (152 cm). Rolls are packaged on 3" I.D. cores and provided in 200 ly (183 m) in length.

### SHELF LIFE

The shelf life of Bostik F10-316 film adhesive is 1 year, under recommended storage conditions

### STORAGE & HANDLING

Store in a dry location at 50-90°F (10-32°C).



### TYPICAL PHYSICAL PROPERTIES

| Description                                 | Results                                    |
|---|--|
| Appearance                                  | White to Light Yellow Film                 |
| Dry film thickness                          | 2 mils (0.005cm)                           |
| Dry film weight (2 mil film)                | 56 g/yd <sup>2</sup> (67g/m <sup>2</sup> ) |
| Liner Properties                            | silicone-coated 60# bleached kraft         |
| Release from liner (before heat is applied) | 80g/inch (max.)                            |
| Volatiles                                   | < 3.0%                                     |

### APPLICATION TECHNIQUES

Nip the F10-316 film to one substrate at 200°F – 250°F. Remove release liner. Apply to secondary substrate at 300°F – 350°F. The adhesive must see a minimum glue-line temperature of 300°F in order for it to thermoset. The cure schedule depends on a variety of conditions, including substrate material and thickness. Cure times should be determined for each application; a typical schedule for F10-316 is: ~5min (300°F), ~2 min (325°F), <1min (350°F).

## HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet should be consulted for proper handling, clean up and spill containment before use. Keep containers covered to minimize contamination.

## LIMITED WARRANTY

The Limited Warranty for this product can be found at [www.bostik-us.com/resource-center/warranties](http://www.bostik-us.com/resource-center/warranties) or by calling 1-800-726-7845 (choose option 2, then option 2 again). To the maximum extent allowed by law, Bostik disclaims all other express or implied warranties, including without limitation warranties of merchantability and fitness for a particular purpose. Unless otherwise stated in the limited warranty, the sole remedy for breach of warranty is replacement of the product or refund of the buyer's purchase price. Bostik disclaims any liability for direct, incidental, consequential, or special damages to the maximum extent allowed by law. Disclaimers of implied warranties may not be applicable to certain classes of buyers and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

### BOSTIK HOTLINE

Smart help  
**1-800-726-7845**

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