

ADCHEM®

ADCHEM SPECIALTY TAPES: BONDING GUIDE TO WT BURNETT POLYURETHANE FOAMS

TEST PROCEDURES:

1. The liner side of all Vybond products were laminated to 1 mil PET. Samples were cut to 1" width for testing.
2. Samples were then laminated on the foams and allowed to dwell for four days at either room temperature or 150°F.
3. Samples were then manually peeled from the foams and the level of bond strength evaluated subjectively, the results of which are shown in table 1 (room temperature dwell) and table 2 (150°F dwell)

ADCHEM Specialty Tapes are the converters choice for proven performance in many foam bonding applications. This guide details performance of our lead products with many of **WT Burnett's polyurethane foams**. WT Burnett is a leader in supply of polyurethane foams, and this guide will help ensure success in your application.

WT Burnett

VBOND™

FOAM BONDING STUDY

WT BURNETT | ROOM TEMPERATURE DWELL

Ether-based Polyurethane Ester-based Polyurethane

ADCHEM Product	Densite	HB1650R	LP1800	4.0SEN	G45RL	SEN1	EMR1	EGM1	S82ND2	4.ON	S82N
Double-Coated Tapes	154M	Good	Fair	Good	Good	Good	Good	Good	Good	Good	Good
	156M	Good	Fair	Good	Good	Good	Good	Good	Good	Excellent	Good
	254M	Good	Fair	Good	Good	Good	Good	Good	Good	Excellent	Good
	256M	Excellent	Fair	Good	Good	Good	Good	Excellent	Good	Excellent	Good
	654M	Excellent	Fair	Good	Good	Good	Excellent	Excellent	Good	Excellent	Good
	654T	Excellent	Fair	Good	Good	Good	Excellent	Excellent	Good	Excellent	Good
	1731D	Good					Good		Good	Good	Good
	2019M	Good	Fair	Good	Fair	Fair	Good	Good	Good	Good	Good
	3175M	Good	Fair	Good	Good	Good	Good	Good	Good	Good	Good
	33M6H	Good	Fair	Good	Good	Good	Good	Good		Good	Good
	3428M	Good	Good	Good	Good	Fair	Good	Good	Good	Good	Good
	4132M	Fair	Fair	Good	Good		Good	Fair		Good	Good
	4148M			Good					Good	Good	Good
	4379M	Good	Fair	Good	Good	Fair	Good	Good	Good	Good	Fair
	Transfer Tapes	5000M	Fair	Fair	Good	Good	Good	Good	Good	Good	Good
654U		Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
655		Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
3426A							Fair	Fair	Fair		Fair
7744		Good	Good	Good	Good	Good	Good	Good	Good	Good	Good

 = Excellent
  = Good
  = Fair
 Blank = Low

FOAM BONDING STUDY

WT BURNETT | 150° F DWELL

Ether-based Polyurethane Ester-based Polyurethane

	ADCHEM Product	Densite	HB1650R	LP1800	4.0SEN	G45RL	SEN1	EMR1	EGM1	S82ND2	4.ON	S82N
Double-Coated Tapes	154M	Good	Fair	Good	Fair	Fair	Good	Excellent	Excellent	Excellent	Excellent	Fair
	156M	Good	Excellent	Excellent	Excellent	Fair	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
	254M	Good	Fair	Good	Fair	Fair	Excellent	Excellent	Excellent	Excellent	Excellent	Good
	256M	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
	654M	Excellent	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
	654T	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
	1731D	Good	Fair		Fair		Fair	Fair	Fair	Fair	Good	Good
	2019M	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
	3175M	Good		Fair	Fair	Fair	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
	33M6H	Excellent	Excellent	Fair	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
	3428M	Excellent	Excellent	Good	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
	4132M	Fair			Fair	Fair	Fair	Fair	Fair	Fair	Good	Good
	4148M			Fair						Good	Good	Good
	4379M	Excellent	Excellent	Good	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Fair
	Transfer Tapes	5000M	Good		Fair	Fair	Fair	Excellent	Excellent	Excellent	Excellent	Excellent
654U		Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
655		Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3426A					Fair		Fair	Fair	Fair	Good	Good	Good
7744		Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent

= Excellent
 = Good
 = Fair
 Blank = Low





A high-performance brand from Vybond • vybond.com • 1231_5-26

The information presented herein was prepared at VYBOND GROUP, INC. (Vybond Group, Inc. 2320 Bowling Green Road, Franklin, KY 42134) by qualified technical personnel. To VYBOND's knowledge, it is true and accurate. However, the information and recommendations are furnished for these products with the understanding that the purchaser or user, as the case may be, will independently determine that the product is suitable for the intended use, and that such use complies with all applicable federal, state and local laws and regulations. The data are submitted only for the user's information and consideration, and do not constitute a warranty of any kind (including but not limited to a warranty of merchantability or of fitness for a particular purpose), or a representation for which VYBOND assumes any legal responsibility.