



## Preliminary Technical Data Sheet\*

### Material Description

Name: PRESS-LOK™ 731  
Recommended Application: Medical and Packaging  
Material: Polypropylene  
Color: Natural



### Material Dimensional Specifications

Thickness: .036" (.914mm) Reference  
Mated Thickness: .042" (1.066mm) Reference

### Performance Specifications

Testing	Peak	Test Method
Peel Strength	MD: .90 N/25mm <sup>2</sup> CMD: 3.20 N/25mm <sup>2</sup>	VGC #912
Shear Strength	MD: 68 N/25mm <sup>2</sup> CMD: 53 N/25mm <sup>2</sup>	VGC #913
Tensile Strength**	Engagement: 62.3 N/25mm <sup>2</sup> Disengagement: 89.0 N/25mm <sup>2</sup>	VGC

### Bio-compatibility (Tested by Toxikon Corporation)

Testing <sup>†</sup>	Result	Test Method
Cytotoxicity	Passed	Agar Diffusion
Skin Irritation	Passed	Primary Skin
Skin Sensitization	Passed	Kligman

\*All above characteristics are for reference purposes only and are subject to change upon commercialization, including complete product and process capability studies.

\*\* Note: No degradation in the engagement or disengagement forces are evident after 300 cycles.

#### VELCRO USA INC.

406 Brown Avenue – Manchester, NH – 03103  
Tel: (800) 225 0180 – Fax: (800) 835 2761  
www.velcro.com