



2537 Wharton Glen Avenue, Mississauga, Ontario, L4X 2A8
 Phone: (905) 277-9925 | Fax: (905) 277-9934 | www.combifab.com

TECHNICAL DATA SHEET

AC683 DOUBLE COATED FOAM MOUNTING TAPE

Product	AC683			
Primary Use	For use in mounting of signs, wire clips, moldings, reflectors, molded and extruded plastics, hardware, etc. AC683 has moderate tack, excellent shear and adhesion to most surfaces.			
Description	AC683 - A 4lb + 6lb density, white closed cell, cross-linked polyethylene foam coated on both sides with the same synthetic rubber adhesive.			
Liner	60 # standard silicone treated Densified Kraft.			
Typical Physical Properties	Thickness	Liner (nominal) - all products	3.5 mils	
	Peel Adhesion	PSTC #101; based on adhesives coated directly to 1 mil polyester film		
		No dwell	160 oz/in (cohesive)	
		NOTE: Peel tests are performed as per PSTC #101, which states one minute maximum dwell time. In general, for acrylic adhesives, longer residence time yields much higher peel values.		
	Shear Adhesion	PSTC #107; Modified, 1000 gm/sq in @ 72°F, no dwell		
		Exposed Side	14+ days, no creep	
Liner Side		14+ days, no creep		
Product Features	<ul style="list-style-type: none"> • Low cost • Foam carrier facilitates gap filling for bonding to irregular surfaces • Excellent shear strength • Closed cell foams does not absorb water • Foam easily die-cuts with clean edges 			
Service Temperature	30°F to 150°F NOTE: This information is provided as a means to help characterize the adhesive's temperature resistance. Note that this data is based on limited testing and under no load. The practical service temperature of this or any adhesive system is dependent on many variables including the substrates being bonded, environmental conditions, and the loading and method of application. The purchaser is responsible for determining the suitability of this or any product for their particular purpose and process. The recommended application temperature is 68°F to 100°F.			
Notes	Surfaces to be bonded should be dry, clean, and free from grease and oil. These products should not be laminated to any material that contains migrating plasticizers.			
Shelf Life	Six months from date of shipment when stored under cool, dry conditions			

This information is a general guide for selecting materials. It is the customers responsibility to obtain and test samples when determining suitability of material for a particular application.