

### Product Overview

	Average weight/ thickness of front material	Front Material Code	Colour	Adhesive	
				Duro	Extra duro
<b>SHORTLIFE PVC-FILMS</b>					
JAC® SERILUX	117/90	70100	transparent, gloss	E110	E300*
	95/90	72100	white, gloss	E110	E300*
	112/80	72101	white, matt	E110	
	104/80	71100	black, matt	E110	
	104/80	71102	black, gloss	E110	
	104/80	74100	shell yellow, gloss	E110	
	104/80	75082	yellow, gloss	E110	
	108/80	78100	red, gloss	E110	
JAC® SERILUX PLUS	230/170	72200	white, gloss	E110	
	114/90	70090	transparent, gloss	E110*	
	127/90	72090	white, gloss	E110	
JAC® STICK	195/150	87015	transparent, gloss	No adhesive	
	195/150	87215	white, gloss		
<b>ENVIRONMENTALLY RESPONSIBLE FILMS (PO)</b>					
JAC® ECOPLUS	54/59	60600	transparent, gloss	D500	
	58/59	62600	white, gloss	D500	
JAC® ECOPLUS PAPERPRINT	75/95	28080	white, matt	D500	
<b>SPECIALITIES Paper/Film</b>					
JAC® TE-COAT	90/86	22080	white		Duro Plus
JAC® SAFETY	135/60	92560	white, matt	PE	
JAC® SERIPOL	32/23	65026	transparent, gloss	AL170	
	32/24	65225	silver, matt	AL170	
	32/23	65325	silver, gloss	AL170	
JAC® DECO	174/127	67212	silver, matt	AL170	
	174/127	67312	silver, gloss	AL170	
JAC® DATA PE105	115/178	62180	white, matt		AL180
JAC® METALLIC	81/66	52060	silver, matt		D2010
	83/66	52160	silver, gloss		D2010
JAC® ACETATE SILK	120/119	80120	white		AL190

\* Only available without Jac®-Split

Adhesive		w/o SPLIT	with SPLIT	Brief description	Examples of application
Nonperm	Extra Nonperm				
A2	A5*	•	•	Monomeric Soft PVC film	High quality labels for indoor and outdoor application
A2	A5*	•	•		
A2*		•	•		
		•			
		•			
		•			
		•			
		•			
		•		Monomeric Soft PVC film, thicker and heavier front than 72100	High-quality labels for indoor and outdoor application that require a certain degree of strength and stability
A2*		•		Monomeric Soft PVC film. In addition to Screen, also printable by conventional Offset printing with oxydative drying inks	High-quality labels for indoor and outdoor application
A2*		•	•		
No adhesive		•		Special, soft PVC film, featuring inherent adhesive properties - sticks to smooth surfaces without any need for adhesive	For high-quality durable signs that need to be simple to apply, and easy to remove and reuse. Advertising on storefront windows, decoration, lettering with interchangeable characters, protection of delicate surfaces.
		•			
C3*		•	•	PO film, with print varnish	Labels, also suitable for short-term outdoor application - alternative to PVC
C3*		•	•		
C3		•	•	PO film with paper-like coating	Labels that combine the material related advantages of a film with the convenience of offset printing
		•		Special-purpose paper, oil and greaseproof	
		•		Tamper-proof film	Security labelling
		•		Polyester film, with print varnish	Printlaminating film, featuring extremely high thermal and dimensional stability
		•		Polyester film metallized, with print varnish	Metallized PET film for high-quality labels and stickers
		•			
		•		Polyester, metallized, laminated on PVC	Machine-type plates, dimensionally stable advertising stickers (decoration) - prevents any surface texture from showing through. Also for hot stamping and gravure printing
		•			
		•		Special PE film for laser printers and copiers	Printing on hot-laser printers, photocopiers, ink-jet printers and digital printing machines possible, for labelling of PE shrink or stretch films and HDPE drums and containers
		•		Paperlaminated aluminium film	Highquality labels and stickers, e.g. corporate emblems, nameplates on machines and kitchen equipment, stickers on gift articles, fancy goods, etc. and for labelling luxury cosmetic products
		•			
		•		Acetate fabric	Labels for reverse side of carpets, mattresses and for textiles (not for use on silk, leather or sensitive fabrics)

## GRAPHICS™

## GRAPHICS™

### Adhesive Overview

Adhesive	Brief description	Recom. min. application temper.	Resistance to Cold (°C) down to	Resistance to Heat (°C) up to
<b>DURO</b>				
E110	Standard permanent adhesive specially developed for flexible PVC films like <b>JAC® SERILUX</b> and <b>JAC® SERILUX PLUS</b> . E110 is distinguished by its high transparency and UV stability.	>+5	-40	80 (24 hrs) 110 (1 hr)
AL170	Permanent adhesive distinguished by its excellent light fastness, ageing stability and plasticiser resistance. Also displays very good transparency and processing properties. AL170 is used on <b>JAC® SERIPOL</b> and <b>JAC® DECO</b> .	>+10	-20	80 (24 hrs) 110 (1 hr)
D2010	A general purpose, acrylic based adhesive. The adhesive is characterized by a high initial tack, excellent adhesion and good low temperature performance on a wide variety of substrates. D2010 is used on <b>JAC® METALLIC</b> series.	>+0	-20	80
PE95	Permanent adhesive, specially developed for <b>JAC® SAFETY</b> . PE95 displays high initial adhesion (tack) and very high final adhesion. This final adhesion far exceeds the tear resistance of the film. It also displays very good ageing stability and light resistance.	>+10	-40	50 (24 hrs) 110 (1 hr)
D500	General-purpose permanent adhesive for most common substrates, displaying very good application and processing properties. It also displays good UV-stability and high temperature resistance. D500 is used on <b>JAC® ECOPLUS</b> .	>+5	-40	80 (24 hrs) 110 (1 hr)
<b>EXTRA DURO</b>				
E300	Extra-permanent adhesive that shows extremely strong adhesion. E300 is intended to be used where the standard adhesive E110 does not provide sufficient adhesion (e.g. on rough and/or apolar surfaces like plastic containers).	>+5	-40	90 (24 hrs) 120 (1 hr)
Duro Plus	Extra-permanent adhesive, e.g. for application on rough and/or plastic substrates. Duro Plus is used on <b>JAC® TE-COAT</b> .	>+5	-40	80 (24 hrs) 110 (1 hr)
AL180	Extra-permanent, crystal clear adhesive with max. UV/weather resistance. Good initial and final adhesion. Resistant against high temperatures. AL180 is used on <b>JAC® METALLIC</b> , <b>JAC® DataPE 105</b> .	>+10	-20	80 (24 hrs) 110 (1 hr)
AL190	Extrapermanent adhesive, displaying very good application and processing properties, including good to excellent guillotining behaviour. Very good UV stability and high temperature resistance. AL190 is used on <b>JAC® ACETATE SILK</b> (for important conversion details, please see the datasheet/guidelines for use at <a href="http://www.jacgraphics.com">www.jacgraphics.com</a> )	>+10	-40	80 (24 hrs) 110 (1 hr)
<b>NONPERM</b>				
A2	Standard removable adhesive specially developed for flexible PVC films like <b>JAC® SERILUX PLUS</b> and <b>JAC® SERILUX</b> . This highly transparent adhesive is intended for use in cases where labels and stickers are to be removed after a relatively short period of time. A2 can be removed from most common substrates up to 6 months after application (under Central European exposure conditions).	>+5	-40	80 (24 hrs) 110 (1 hr)
C3	Removable adhesive, developed for use on <b>JAC® ECOPLUS</b> . The adhesive can be removed from most surfaces without leaving any residues. Note: Application on wet surfaces or wet application may result in residues being left on the surfaces after removal.	>+5	-40	80 (24 hrs) 110 (1 hr)
<b>EXTRA NONPERM</b>				
A5	Long-term removable adhesive specially developed for use on flexible PVC films like <b>JAC® SERILUX</b> and <b>JAC® SERILUX PLUS</b> . For wet and dry application. Removable from most common substrates up to 1 year after application (under Central European exposure conditions).	>+5	-40	120 (24 hrs) 140 (1 hr)

### Backing Overview

Backing papers	Brief description
B85	Siliconised, wood-free, special-purpose backing paper, which is moisture-stabilised by means of a special coating on one side and display high dimensional stability and excellent layflatness (in combination with <b>JAC® METALLIC</b> and <b>JAC® TE-COAT</b> ).
B145	Siliconised, special-purpose lightweight board, wood-free, matt on reverse side, moisture-stabilised by means of specially impregnated fibres and special coating, hence excellent layflatness - available without and with <b>JAC® SPLIT</b> (on stock in combination with <b>JAC® SERILUX (PLUS)</b> , <b>JAC® ECOPLUS (PAPERPRINT)</b> , <b>JAC® ACETATE SILK</b> )
F140	Very sturdy, siliconised board - only available with <b>JAC® SAFETY</b> .
G160	Very sturdy, siliconised board, wood-free, matt on reverse side, both sides coated with polyethylene, absolute dimensional stability, resistant to moisture (on stock in combination with <b>JAC® SERIPOL</b> , <b>JAC® DECO</b> ) - not printable.
Z250	PE-coated medium-weight board which ensures excellent handling and feeding - only available with <b>JAC® STICK</b> .
<b>JAC SPLIT</b>	
<p><b>JAC® SPLIT</b> is offered as a backing paper peel-off aid for papers in sheets. The <b>JAC® SPLIT</b> lines run in machine direction. The standard backing paper for <b>JAC® SPLIT</b> on filmic material is B145. To use <b>JAC® SPLIT</b> correctly you bend the label towards the front material at a <b>JAC® SPLIT</b> line until it breaks open. Be careful not to bend the front material too much, as this can cause a creasing of the front material. For best results, pull off the backing paper strips oblique to the <b>JAC® SPLIT</b>. Test on a blank sample if you want to make sure. Test material is available on request.</p>	

### All adhesives reach full strength – after at least 24 hrs after application.

All Avery Dennison and JAC® statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison and JAC® products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes.

All Avery Dennison and JAC® statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison and JAC® products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes.

All Avery Dennison and JAC® products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>