

technical datasheet

General description

PEELTEC 210 has been developed as a peelable glue stick that can be easily applied using a 12mm glue gun. The adhesive is non-staining and strikes a balance between securely attaching a wide range of items whilst allowing them to be removed without damage.

PEELTEC 210 can be used on many different materials that include plastics and all types of paper and board with various print finishes and varnishes. The PEELTEC 210 has to remain strong enough to secure relatively heavy items during transit and handling yet still release with the minimum of damage.

Important PEELTEC 210 bond strength increases for around 24 hours after it has been applied. Because of this it is important to test the PEELTEC at least 24 hours after it has been applied to ensure the bond has suitable strength and also releases from the substrates as required.

In some cases with lower weight paper stock, some damage to the paper may occur when the parts are removed. In order to minimise this applying a smaller amount of adhesive to the stronger surface first will help prevent damage to the weaker surface.

If distortion occurs when applying to thin PVC or other thin plastics reducing the techniques above will help overcome the problem.

In most applications it is possible to find a happy medium between bond strength and peel characteristics by adjusting the amount of adhesive applied and applying to the least sensitive surface.

Technical characteristics

Adhesive type:	Synthetic polymer based hotmelt
Colour:	Off White
Molten tack:	Medium

	7mm	12mm	15mm	43mm
Form	n/a	11.5mm x 200mm	n/a	n/a
Sticks per kilo (approx)		50		
Carton quantity		5kg		
Pallet weight:		500kg		
Suggested application		195°C		
Brookfield viscosity (POW-12-VISC) spindle 27		6000 cps		
Ring & ball softening point (ASTM E28)		150°C		
Heat resistance (BS5350 Part		120°C		
Open time		Very Short		
Low temperature flexibility (tg)		-30°C		

F.D.A. approved. All the constituent parts of this adhesive have been approved by the American F.D.A. under C.F.R. 21.175.105 (adhesives) (subject to limitations).

Tecbond Reference	Description	12mm	15mm	43mm	CT	Bulk
5	High delivery, low viscosity, long open time. Product assembly adhesive.	●		●	●	●
14	High delivery, vary fast setting packaging adhesive.	●	●	●		
1942	Product assembly adhesive for wood and many plastics.	●	●	●		
1X	Low viscosity, wood working & packaging adhesive. Medium open time.	●		●		
213	Economical, general purpose adhesive.	●	●	●		
214	Economical, fast setting, packaging adhesive.	●	●	●		
23	Medium viscosity multipurpose adhesive.	●	●	●		
232	Economical, clear, general purpose adhesive.	●	●	●		
232 Glitter	Multicolour, Red, Green, Silver, Gold.	●				
240	High delivery, long open time, multipurpose, clear adhesive.	●	●	●		
240 Coloured	Coloured, medium open time, general purpose adhesive. Brown, Green, White, Black, Blue, Gold, Silver, Red, Orange, Yellow.	●				
246	Clear and black versions, high performance, gap filling, difficult surfaces, dent pulling.	●				
260	High performance, long open time, tough, flexible adhesive.	●	●	●		
265	Long open time product assembly adhesive for smooth and shiny surfaces.			●		
267	High heat resistant, medium open time, product assembly adhesive.			●		
2169	Peelable adhesive, low tack, non-migrating, CD & credit card attachment, glue dots.				●	●
342	High viscosity, fast setting, white adhesive.	●		●		
410	Pallet stabilisation spray adhesive			●		
420	General purpose spray adhesive.			●		
425	High delivery, high performance, spray adhesive.			●		
430	High performance, long open time spray adhesive.			●		
4741	Full pressure sensitive, very aggressive, multipurpose, paper & plastic materials.				●	●
7718	Coloured, low viscosity, potting, encapsulation & knot filling / wood repair polyamide adhesive.	●	●			
7784	High temperature resistant multipurpose polyamide adhesive.	●	●	●		
7785	High temperature & chemical resistant multipurpose polyamide adhesive.	●	●	●		
9010	Reactive hotmelt. Heat & chemical resistant bonds, rigid bond, once set does not reactivate with heat.				●	
9030	Reactive hotmelt. Heat & chemical resistant bonds, flexible bond, once set does not reactivate with heat.				●	
LM44	Lowmelt, fast setting, high performance, white adhesive.	●		●		

- Storage** Store in a clean dry place at temperatures between 5°C and 30°C with boxes closed. Do not expose to direct sunlight or localised heat sources such as radiators or hot pipes.
- Removal of glue** Assembled components can be separated by heating assembly to a temperature slightly above the heat resistance figure.
- EVA & Polypropylene: Residues of EVA and polypropylene based hotmelts can be removed from components with white spirit.
- Polyamide: Residues of polyamide based hotmelt can be removed from components with acetone.
- PUR: Prior to cross linking adhesive can be removed with white spirit or ketone. Once fully cross linked the adhesive cannot be easily removed.
- Please note** The information contained on this data sheet is for guidance only. It is the result of careful laboratory evaluations by trained and qualified staff using British Standard or similar test methods. However, no warranty is expressed or implied regarding the accuracy of the data or the suitability of the adhesive for any specific purpose. In every case, we strongly recommend that the user shall make their own test to determine to their own satisfaction the suitability of the adhesive for their particular purpose. Neither the seller nor manufacturer shall be liable for any injury, loss, damage, direct or consequential arising out of the use or inability to use the product. Further information is always available to help solve your adhesive problems. Should you require any further information on our adhesives please contact your nearest distributor.