



Double Coated Tissue Tape

7010

棉紙基材雙面膠帶

暫時性技術資料

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產品結構:

產品編號	膠系/ 顏色/ 膠帶厚度(不含離型紙)	基材	首要離型紙 Primary liner 顏色, 形式, 印刷	離型紙 厚度
7010	壓克力膠 半透明 0.10mm	白色棉紙	白色 PE 聚合物塗佈紙類 藍色 3M	0.150mm

產品特徵

1. 3M 7010 為軟硬適中之感壓膠系統，具備高黏著強度與高保持力，剪切特性，並可適用於多種表面，包含各式塑膠表面。
2. 3M 7010於泡棉貼合應用中，可提升泡棉之尺寸固定性，降低泡棉之延伸特性。
3. 高強度離型紙有利於膠帶沖切之加工流程。

產品描述:

棉紙基材雙面膠帶 7010 係以棉紙為基材，對於膠帶裁切加工之尺寸穩定性佳，並於貼合及沖切加工具有優異之作性，其壓克力膠系適合各種表面之貼合。

典型之物性與貼合表現

Note: 以下之技術資料係屬量試前初始之測試數據-非供特殊情形使用

對鋼板黏性:	(ASTM D3330, 180 度剝離)	(Kg/in)
	20 minutes RT	1.9
	72 hrs RT	2.3

保持力: (ASTM D3654 , 0.5 平方英吋 , 1000 克負重 , 不鏽鋼板)

22°C	10,000+ minutes
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高溫耐受性

耐溫範圍:

長期耐溫 (天 , 週)	80°C
短期耐溫 (分鐘 , 小時)	120°C

架上保存期限

出廠日期計算起 12 個月 , 但僅以膠帶捲方式儲存於 22°C、50% 相對溼度之環境

膠帶使用操作程序

貼合表現與有效貼合面積息息相關，堅實之感壓程序可明顯增加膠帶之貼合表現。以下系 3M 建議之標準膠帶使用操作程序：

- (a) 欲達最佳黏著，黏著表面必需清潔與乾燥。一般建議以布沾取1：1比例之IPA (Isopropyl Alcohol, 異丙醇) 與水的混合溶液進行表面擦拭清潔後，待表面完全乾燥。(注意：使用IPA前，請先參照此溶劑之建議注意事項)。
- (b) 在清潔溶劑乾燥後，將膠帶貼合於黏著表面，以滾筒或其他方式(刮板)平均施以約15psi (1.05公斤/cm²)之壓力，使其有效貼合。
- (c) 將膠帶離型紙撕除，然後將欲貼著之材質貼上，同樣施以15psi之壓力，使其有效貼合，若欲去除氣泡，建議加大壓力，以物品所承受之限度為上限。
- (d) 建議理想的施工溫度介於15°C至38°C之間，勿低於10°C。
- (e) 欲使膠帶保存至使用時仍具有穩定的品質，建議之儲存環境為21°C和50%相對濕度。
- (f) 黏貼膠帶時，宜以一端先貼合後，再緩壓至另一端，以減低氣泡產生之機率。

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