



Double Coated PET Tapes

8010P

聚酯基材雙面膠帶

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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)	表面膠層 Faceside adhesive	基材	背面膠層 Backside adhesive	首要離型紙 Primary liner 顏色, 形式, 印刷	離型紙 厚度
8010P	壓克力膠 半透明, 0.10mm	0.044mm	聚酯 PET, 0.013mm	0.044mm	白色 藍色印刷	0.14mm

產品描述:

聚酯基材雙面膠帶 8010P, 係以聚酯薄膜為基材, 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操作性. 其壓克力膠系結合高黏著力與優異之剪切力, 保持力之特性, 適合各種表面之貼合, 包括多種塑膠件.

聚酯基材雙面膠帶 8010P, 係適用於電子產品之系統組立, 平面顯示器產業之需求設計, 諸如銘板, 光學薄膜之黏貼, 泡棉, 絕緣膜之貼著固定.

產品特徵

- 3M 8010P 係膠性軟硬適中之感壓膠系統, 其主要之特性表現結合高黏著強度與高保持力, 剪切力特性, 且可貼合於各種表面, 包含多種塑膠表面
- 3M 8010P 具優異之尺寸穩定性, 可避免不當之延伸, 有更精準操作過程.

典型之物性與貼合表現

Note: 以下之技術資料係屬典型之測試數據 - 非供特殊情形使用

對不鏽鋼板黏性: (ASTM D3330, 180 度剝離)	(Kg/in)
20 minutes RT	2.5
72 hrs RT	3.1
對 PC 板黏性: (ASTM D3330, 180 度剝離)	(Kg/in)
20 minutes RT	2.3
72 hrs RT	2.8

保持力: (ASTM D3654, 1×1 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)	200°F (93°C)
短期耐溫 (分鐘, 小時)	250°F (121°C)

耐溶劑性: 好

抗 UV 特性: 好

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:

- 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)。
- 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.
- 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.
- 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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