



Double Coated PET Tape

UCT-50

Page 1 of 2

Temporary Technical Data Sheet

November 2014

Product Description 3M™ DC Tape UCT-50 is a clear double coated tape produced in clean room with a thin polyester film for dimensional stability and improved handling with ease of die cutting and laminating. The high tack adhesive provides relatively high initial adhesion and good shear holding power to a variety of surfaces.

Product Construction	Backing	Adhesive	Color	Liner	Standard Roll Length
	Clear PET Film	Acrylic	Clear	PET Liner	100 meters

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

Test Method

Clear backing PET Thickness:	0.48 mil (0.012 mm)	ASTM D-3652
Tape Thickness:	2.00 mil (0.050 mm)	ASTM D-3652
Faceside Adhesive Thickness	0.76mil (0.019 mm)	ASTM D-3652
Backside Adhesive Thickness	0.76 mil (0.019 mm)	ASTM D-3652
Adhesion to Steel:	18.0 N/25mm	ASTM D-3330, 180 °Peel
Adhesion to Glass:	16.0 N/25mm	ASTM D-3330, 180 °Peel
Adhesion to ABS:	15.0 N/25mm	ASTM D-3330, 180 °Peel
Working Temperature:	-20~150 °C	/
UV Resistance :	Medium	/

Note1: Faceside adhesive is on the interior of the roll, exposed when unwound.

Note2: Backside adhesive is on the exterior of the roll, exposed when liner is removed

Note3: PET (Polyester)

General Information

- Splice-free maximum roll length is 100 meters -0/+2 meters
- Product provided on plastic cores and individually packed. Core ID = 76.7 mm ±0.1 mm
- Substrate should be smooth, clean, dry and oil-free to insure good wet-out and adequate adhesion.
- Tape may not bond or conform to rough or sharply curved surfaces.
- Adhesion and holding power are reduced at elevated temperatures.

Shelf Life

To obtain best performance, use this product within 18 months from date of delivery and store under normal conditions of 60 °to 80 °F (16 °to 27 °C) and 40 to 60% R.H. in the original carton.

Application Ideas

1. General use for applications in the electronics and appliance industry in need of excellent initial tack, good adhesion and ease die-cut
2. Cellular phone lens attachment
3. Tablet lens attachment

Features

Features

Advantages

Benefits



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Page 2 of 2

	Acrylic adhesive	Non-Silicone	Leaves no silicone residue
		Good tack and adhesion	Instantaneous adhesion
	PET backing	Dimensionally stable	Easy to die cut
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ISO 9002

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