

# 3M Consumer and Office Business Product Information Sheet

Effective : Oct. 2008

## Scotch® Crystal Clear tape 600

### General Description

A multi-purpose transparent tape for permanent paper mending applications. Scotch® Crystal Clear Tape is a high clarity tape with a long aging adhesive.



Catalog Number	Description
Scotch® Crystal Clear tape	A high clarity, multi-purpose transparent tape for permanent paper mending applications.  Comes on 1 inch and 3 inch cores, multiple widths

Product Characteristic	Value*
Film Backing	Unique Polyolefin Blend
Adhesive	Synthetic Acrylic
Adhesive pH	6.8
Tape Color	Clear
Adhesion to Steel	155 cN/cm    ASTM D-3330 / AFERA 4001
Tensile Strength	2.4 daN/cm    ASTM D-3759/ AFERA 4004
Elongation	67%            ASTM D-3759/ AFERA 4004
Total thickness	50 microns    ASTM D-3652/ AFERA 4006
Unwind	0.75 N/cm     ASTM D-3811/ AFERA 4008

\*These are average values. 3M does not guarantee every roll will have these specific test values. Actual values may vary and may be greater than or less than the averages listed.

**Features/Advantages/Benefits:**

<b>Feature (HAS)</b>	<b>Advantage (WHICH MEANS)</b>	<b>Benefit (SO THAT)</b>
Unique polyolefin blend film backing	Thin and strong	Items taped together are not bulky, helps keep a professional look.
	Extremely long aging	Will not dry out and crack. Neat presentation. Saves Time.
	Hand tearable	Can be used without dispenser or scissors. Less hassle. Saves time.
	Cuts easily on plastic dispenser (if included)	Convenient. Easy to use.
	Extruded film	Non-solvent process. Fewer emissions released into the atmosphere during processing.
Synthetic acrylic adhesive	Clear, long aging, non-yellowing	Repair or application is long lasting, clear. Neat presentation.
	Aggressive adhesion to a variety of surfaces.	Eliminates the need for multiple tapes for the home and office.
	Water-based	Fewer emissions released into the atmosphere during processing.
Release coating	Smooth, easy controlled unwind	Get the right amount of tape every time. Saves money
Primer coating	Holds adhesive to the backing	Adhesive will not transfer to most surfaces when tape is removed. No messy clean-ups. Neat work and presentation.
Plastic Core	Clean appearance	Eliminates paper fragments on the edge of the roll. Product of quality.
Razor slitting	Film is not made more brittle through slitting	Good balance of properties between tensile strength, dispensability and hand-tearability

**APPLICATIONS:**

1. Light duty packaging, home and office applications, light-duty mounting, kids' and school activities, covering books, etc.
2. Can safely be used on all photographs (photo safe per ISO standard 14523).

**NOTE:**

Best storage conditions are 23°C and 50% relative humidity.