



# The KleenTape™ 4000 Series

Main Tape Company, Inc | 800-526-TAPE (8273) | www.maintape.com | info@maintape.com



## Optical films protection



Optical films are a critical part of flat panel displays as these films act as filters to make the text and images visible to the human eye. The KleenTape 4000™ Series films are designed to protect various PET products after they have been coated with polarizing, prismatic or collimating type topographic finishes. KleenTape protects the coated surface from scratching as well as dust and other contamination during manufacturing, converting and transportation.

## Structure

- ⊙ Water-based acrylic adhesive
- ⊙ Polyethylene film base

## Benefits

- ◆ Laminates easily to the coated PET surface
- ◆ Removes easily and without staining
- ◆ Produced in a Clean Manufacturing Environment (CME) for use in clean rooms
- ◆ Translucent for ease of visual inspection
- ◆ Color tinting available to easily indicate the presence of masking tape
- ◆ Environmentally friendly
- ◆ Dimensionally stable film with no edge curling when laminated

## Applications

- ◆ Protects Polarizer films
- ◆ Protects Prism films
- ◆ Protects Collimating films
- ◆ Protects Special Topographic film

## Properties

	Polarizer	Diffuser
<i>Product No.</i>	KT 4222	KT EXP-1681
<i>Nominal Thickness</i>	2 mil; 50 micron	4 mil; 100 micron
<i>Adhesive Strength*</i>	8 oz/in; 223 g / 25 mm	4 oz/in; 112 g / 25 mm
<i>Tensile Strength</i>	2900 psi; 20 MPa	3250 psi; 22.4 MPa
<i>Elongation</i>	150%	
<i>Unwind (Peak)</i>	3.183 oz/in; 3.55 kg/m	.401 oz/in; .45 kg/m

\*By PSTC-1 Test method

The physical properties and characteristic listed to the left are values for reference and are not to be considered as specifications. Our suggestions for use are based on tests we believe to be reliable. However, the purchaser must determine the suitability of the product for their internal use. Main Tape assumes no liability for claims beyond those outlined within our Limited Warranty, which includes replacement value of Main Tape product proven defective. For full disclosure of the Limited Warranty, please contact your Main Tape representative.