

SELF-WETTING ADHESIVE PROTECTOR SHEETS (SWAPS)

For use with Resistive Touch Panels and Flat Panel Displays

■ DESCRIPTION

- Anti-Glare Hardcoated Film with Self-Wetting Adhesive

■ FEATURES

- Adhesive virtually self applies on to smooth, clean surfaces
- Enables very low pressure application
- Cleanly removable, even after extended periods of time
- Able to be repositioned, repeatedly
- Ultra low peels with no buildup
- No static electricity generated when peeled off
- No ITO used
- High shear resistance prevents displacement
- Supplied as an anti-glare (matte), Clear
- Scratch and chemically resistant film
- 3H Hardness
- RoHS compliant

■ BENEFITS

- Enables easy, clean replacement in the field by unskilled end user
- Reduces damage to surface of touch screen or display
- Protects optical quality of touch screen surface
- Excellent stylus registration
- Provided die cut to fit intended display surface dimensions
- Available in a variety of packaging options with instructions

■ APPLICATION

SWA RPS is designed to provide renewable protection to the surface of resistive touch panels and/or displays in high use, abusive or harsh environments. SWA properties enable protection film to be replaced when damaged, reducing maintenance costs and increasing the useful life of the more expensive touch device.

■ STORAGE AND SHELF LIFE

- One year when stored at 22°C, 50% RH.

■ PRODUCT CONSTRUCTION – TYPICAL DESIGN

- | | |
|---|-----------------------|
| • 90 Gloss, Anti-Glare Hardcoated Polyester | .003-.004" (75-100µm) |
| • Self-Wetting Adhesive. | .0015" (38µm) |
| • Polyester Liner | .0015" (38µm) |



Self-Wetting Protective Sheets

■ ADHESIVE PROPERTIES – TYPICAL VALUES TEST METHODS

- 180° Peel Adhesion, 12"/min. PSTC-1, ASTM D-3300, ART #1005
5 min dwell from glass 3 g/in.
- 180° Peel Adhesion, 12"/min. PSTC-1, ASTM D-3300, ART #1005
24 hours dwell from glass 3 g/in.

■ OPTICAL PROPERTIES– TYPICAL VALUES TEST METHODS

Self Wetting Adhesive		AG 90 Film	Gardner haze meter
Refractive Index	1.468	1.52	
Visible Light Transmission	99%	91%	
Haze	<0.5	7	
Clarity	99%	81%	

■ ENVIRONMENTAL AGING DATA

Condition	Shelf Stability			Quality of Lamination		
	Chemistry	Adhesion	Color	Bondline	Optics	Removability
70°C, 240 hours	Stable	No change	No change	No debonding or edge lifting	No change	No residue or adhesion buildup
-30°C, 240 hours	Stable	No change	No change	No debonding or edge lifting	No change	No residue or adhesion buildup
-30°C to 70°, 10 cycles, 40 min. dwell time	Stable	No change	No change	No debonding or edge lifting	No change	No residue or adhesion buildup

Recommended minimum application temperature: 40°F (5°C)

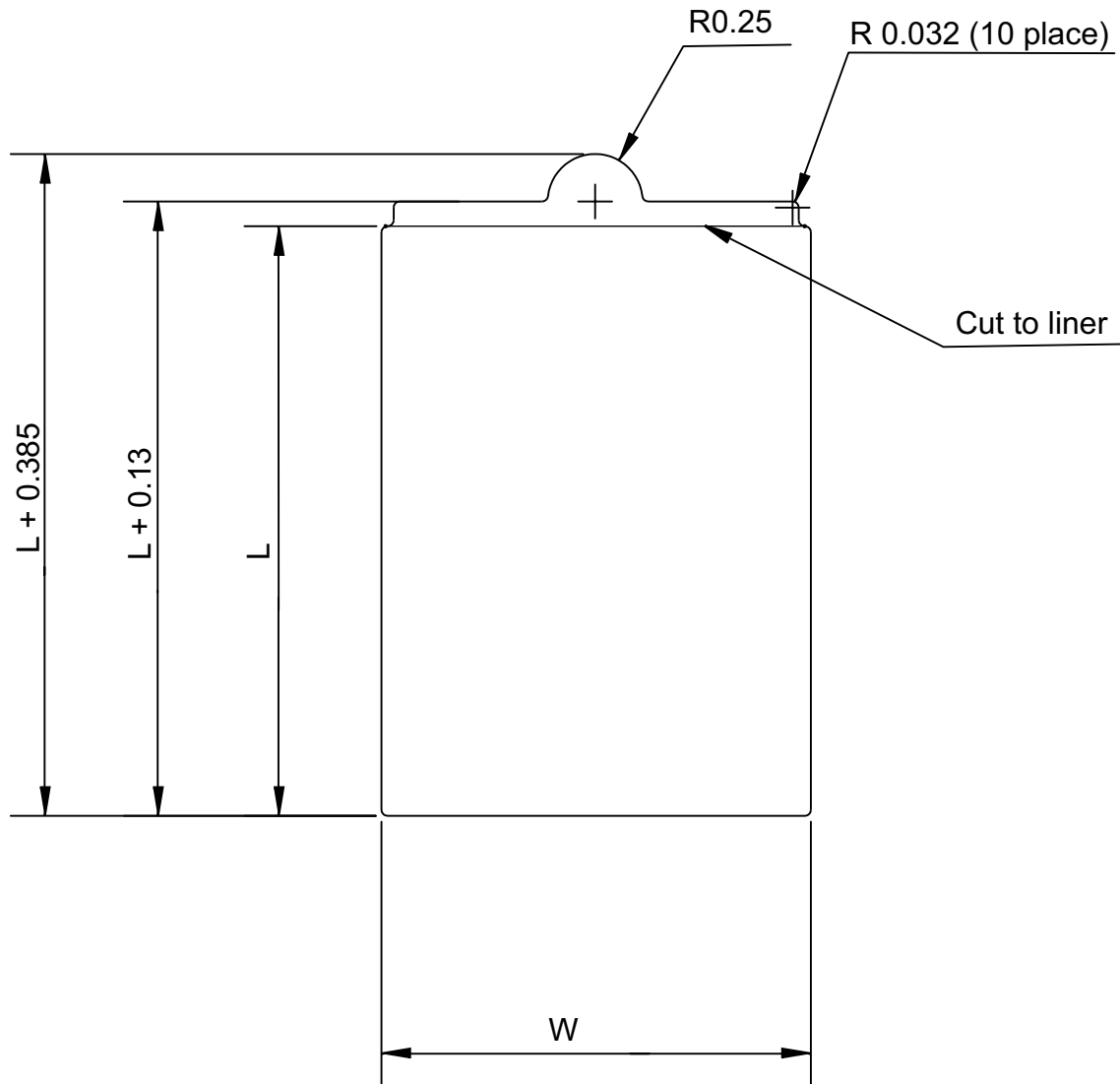
Avoid prolonged exposure to water

Product construction, adhesive thickness and level can be tailored to application needs.

Self-Wetting Protective Sheets

■ SWA REPLACEABLE PROTECTIVE SHEET OUTLINE DRAWING

L = per spec; W = per spec; Tab = 0.13 inches



Self-Wetting Protective Sheets

Fujitsu Components International Headquarter Offices

Japan

Fujitsu Component Limited
Gotanda-Chuo Building
3-5, Higashigotanda 2-chome, Shinagawa-ku
Tokyo 141 8630, Japan
Tel: (81-3) 5449-7010
Fax: (81-3) 5449-2626
Email: promothq@fcl.fujitsu.com
Web: www.fcl.fujitsu.com

North and South America

Fujitsu Components America, Inc.
250 E. Caribbean Drive
Sunnyvale, CA 94089 U.S.A.
Tel: (1-408) 745-4900
Fax: (1-408) 745-4970
Email: components@us.fujitsu.com
Web: <http://us.fujitsu.com/touchpanels/>

Europe

Fujitsu Components Europe B.V.
Diamantlaan 25
2132 WV Hoofddorp
Netherlands
Tel: (31-23) 5560910
Fax: (31-23) 5560950
Email: info@fceu.fujitsu.com
Web: emea.fujitsu.com/components/

Asia Pacific

Fujitsu Components Asia Ltd.
102E Pasir Panjang Road
#01-01 Citilink Warehouse Complex
Singapore 118529
Tel: (65) 6375-8560
Fax: (65) 6273-3021
Email: fcal@fcal.fujitsu.com
Web: <http://www.fujitsu.com/sg/services/micro/components/>

©2010 Fujitsu Components America, Inc. All rights reserved. All trademarks or registered trademarks are the property of their respective owners.

Fujitsu Components America or its affiliates do not warrant that the content of datasheet is error free. In a continuing effort to improve our products Fujitsu Components America, Inc. or its affiliates reserve the right to change specifications/datasheets without prior notice.
Rev. May 7, 2010.