

REV	DESCRIPTION	BY	DATE	D.E.	M.E.

**2Wire® Gateway**  
**www.2Wire.com**

Made in Malaysia  
Patent No. Des. 437,289

12V = 2.2A  
RG2701HGV-00

**2701HGV**



Complies with Part 68, FCC Rules  
FCC Reg. 68FCC018FW2701  
REN=0.1

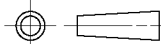
**FLX**  
Concentrador Inalambrico  
para Red (ADSL)  
Marca: 2Wire  
Modelo: RG2701HGV-00

This device complies with part 15 of the FCC  
Rules. Operation is subject to the following two  
conditions: (1) This device may not cause  
harmful interference, and (2) this device must  
accept any interference received, including  
interference that may cause undesired operation.

Keylines do not print

**PRINT INSTRUCTIONS:**  
Label is clear material  
Font color prints in Pantone Black 6C

Print-on-demand target:  
W 84mm x H 23mm

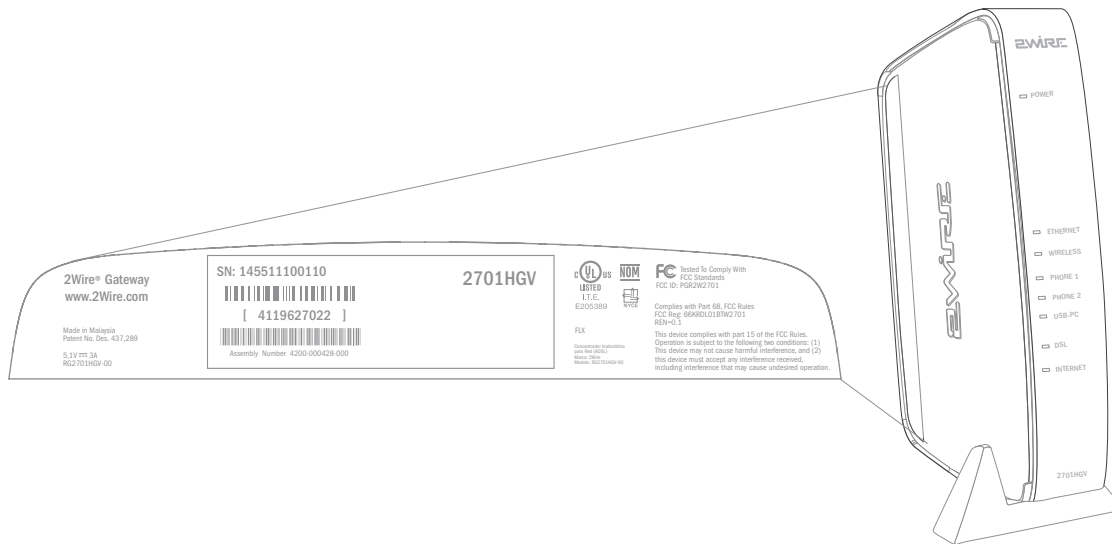
UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE		<div>2WIRE<sup>®</sup></div> <div>2WIRE, INCORPORATED 1704 AUTOMATION PARKWAY SAN JOSE, CA 95131</div>			
DIMENSIONS ARE IN MM TOLERANCES ARE:  DECIMALS ANGLES I 0.10 +0.50 II 0.03		DRAWN BY  Neena Burman		04.20.07		TITLE  A/W, LBL, BOTTOM, 2701HGV GATEWAY, MADE IN MALAYSIA, USA AND MEXICO			
		DES. ENG.							
		MFG./SFT. ENG.							
MATERIAL		PROJ. MNGR.				SIZE  A			
FINISH									
<div>THIRD ANGLE PROJECTION</div> <div></div>		THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF 2WIRE, INC. (2WIRE). THIS INFORMATION WHICH SHALL NOT BE REPRODUCED, TRANSFERRED TO OTHER DOCUMENTS, DISCLOSED TO OTHERS, USED FOR MANUFACTURING, OR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN PERMISSION/CONSENT OF 2WIRE, INCORPORATED. COPYRIGHT © 1998 2WIRE, INCORPORATED				DRAWING NO.  4300-000761-000		REV  001	
		DO NOT SCALE DRAWING				SCALE 1:1		FILE	

Connect the First Computer to the Gateway

## Non-2Wire Wireless Adapter Configuration

### Locating the Serial Number and Wireless Encryption Key

The serial number of your 2Wire gateway is used as the network name (SSID). Beneath the serial number is a ten-digit number which is used as the encryption key. These are located on the bottom of your gateway (shown in vertical orientation). You will need this information to configure your wireless adapter.



### Configuring the Adapter

1. Install and configure your wireless adapter according to the manufacturer's instructions.
2. Use the network adapter configuration software or Windows network connection wizard to set the network name (SSID) and encryption key (WEP).
  - a. The network name is the word "2WIRE" (in all capital letters), followed by the last three digits of the gateway serial number (for example, 2WIRE110).
  - b. The encryption key is a 64-bit hex value, located beneath the bar code on the bottom of the 2Wire gateway. In the example, it is 4119627022.
  - c. For Mac OS X users, you may need to enter the "\$" character at the beginning of the encryption key (for example, \$4119627022).

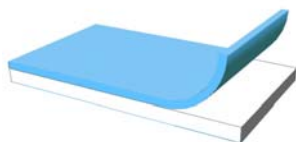
DRAFT ONLY  
2Wire Confidential



# AVERY DENNISON

## FT 2002

### ◆ CONSTRUCTION



**Adhesive:** Cross-linked, long life, acrylic, pressure-sensitive adhesive, typified by a medium tack, a very high shear and temperature performance.

**Carrier:** FT 2002 is a 50 micron unsupported adhesive film.

**Liner:** White polyethylene protected paper with red "Avery Dennison" imprint.

#### Features

- ◆ Cross-linked acrylic adhesive
- ◆ Cohesive adhesive layer
- ◆ Polyethylene protected liner
- ◆ Easy release liner
- ◆ UL 969-recognized Component (file MH 27536)

#### Benefits

- ◆ Provides a very high temperature resistance and a high chemical, UV- and moisture resistance
- ◆ Facilitates slitting and conversion
- ◆ Combines a high degree of moisture stability with excellent die-cutting properties
- ◆ Enables smooth removal during application
- ◆ Independent quality label

### ◆ TYPICAL APPLICATIONS



Bonding of ceramic, glass, metal and plastic constructions such as nameplates, decorative trim and panels in household appliances, cars, trucks, office equipment, mobile phone or computer assembly. Also fit for graphical applications where bond strength and even coating outlook are important, such as windscreen stickers, point-of-display assembly, etc.

### ◆ TEMPERATURES

Application (minimum)	+10 °C
Service (continuous)	-40 °C to +180 °C
Short term	>200 °C

### ◆ NOTE

FT 2002 has been tested and proven to be compatible with the major components used on a variety of films, graphical inks, conductive inks.

#### Physical Properties

#### Typical Values

##### THICKNESS

Adhesive	50 microns
Liner	128 microns
Total	178 microns

\*ATM.7

##### TACK (finat)

630 N/m

\*ATM.8 - FINAT.9

##### ADHESION (180° peel) N/25mm

	<u>20 min</u>	<u>24 hrs</u>
Stainless Steel	11.5	14.75
Polycarbonate	10.5	12
Polyester	10.5	11
Rigid Polypropylene	5	5.5

\*ATM.1 - PSTC.1

##### SHEAR RESISTANCE

(static - 1000g/25mm x 25mm)

##### MS/LS

> 10.000 min

\*ATM.2 - FINAT.8 - PSTC.7

\*TESTMETHODS



# AVERY DENNISON

## ◆ SURFACE PREPARATION

It is essential, as with all pressure sensitive tapes, that the surface to which the tape is applied be clean, dry and free of grease and oil.

## ◆ STORAGE AND SHELF LIFE

The shelf life of the product is two years when stored at 18-22°C, 30-70 % relative humidity and out of direct sunlight, in original packaging.

## ◆ WEBSITE

Visit us at: <http://steu.averydennison.com>

**Important** - Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. It should be noted that the substrate test materials are generic and therefore actual results may vary from those given above. Purchasers should independently determine prior to use the suitability of this material for their specific purposes. All Avery Dennison materials described herein are sold subject to Avery Dennison's Conditions of Sales, a copy of which is available on request.

*Avery Dennison™ is a trademark of Avery Dennison Corporation.*

**Product name: FT2002**

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**1. Product and company identification**

- 1.1. Product name: **FT2002**
- 1.2. Intended use: Crosslinked acrylic pressure sensitive adhesive tape
- 1.3. Producer: Avery Dennison België b.v.b.a.  
Specialty Tape Division  
Tieblokkenlaan 1  
B- 2300 Turnhout / Belgium
- Contact person: Wendy Stevens  
Product Safety Co-ordinator
- Telephone number: +32.14.404 811

**2. Composition / information on ingredients :**

- 2.1. Product Composition: Single lined transfer tape.
- Adhesive is an acrylic adhesive consisting of a combination of copolymer, stabilisator, crosslinker, and anti-oxidant.  
-Liner is PE protected paper.
- 2.2. This product is not considered to be dangerous according to Directive 1999/45EC
- 2.3. Hazardous components
- This product does not contain concentrations  $\geq 1\%$  of substances presenting a health or environmental hazard within the meaning of Directive 67/548/EEC

**3. Hazard identification**

There is no evidence to suggest that this material constitutes a health hazard (according to 1999/45/EC) during handling under normal safe working conditions.

**4. First aid measures**

- Skin contact: If the skin would be irritated after prolonged contact, clean the skin with water and soap.
- Eye contact: If a part of the tape is present in the eye, treat the part as an inert particle. Irrigate with plenty of clean water for 15 minutes; remove contact lenses for better cleaning.
- Oral: If a piece of tape is swallowed, rinse out mouth and drink large quantities of water. If necessary obtain medical attention.
- Inhalation: Remove from exposure and obtain medical assistance in case of breathing difficulties.

## **5. Fire fighting measures**

Suitable extinguishing media are foam, sand, dry powder, and carbondioxide.

Hazardous decomposition products: above the decomposition temperature the major volatiles will be carbondioxide, water carbonmonoxide and small molecular weight organic materials.

The ratio depends on the burning temperature and the presence of oxygen.

## **6. Accidental release measures**

The product is a solid and insoluble product. Therefore uncontrolled release (into air or water) is highly unlikely.

## **7. Handling and storage**

Handling:

Static electricity: In most processes in which there is movement of foil over metal or other rollers, surface electrical charges develop on the film. Static charges should be eliminated or reduced as much as possible, since they provide a source of ignition for flammable vapours and gasses or may give electrical shocks to operators. Use either passive or active static eliminators to reduce the charges.

Reeling: Machine design and work practices should be organised to remove the danger of trapping parts of the body or clothing in reeled materials and between the film and machinery parts.

Work area: Operators who convert the tape should work in well-ventilated areas

Storage: Store under dry conditions, out of direct sunlight and at temperatures below 30°C.

## **8. Exposure controls / personal protection**

8.1. The product contains max 0.58% of residual solvents (weight percentage on total weight) Laboratory experiments on similar products have shown that exposure limits of the residual solvents are below the MAC (most allowable concentration).

8.2. Exposure control:

8.2.1 Ensure sufficient ventilation.

8.2.1.1 Protective mask is not necessary in a normal ventilated work area.

8.2.1.2 Gloves are only necessary to protect hands from sharp edges of some tapes.

8.2.1.3 Eye protection (safety glasses) is only necessary in conversion operations where parts of the tape may be projected to the face.

8.2.1.4 Apply general measurements of normal hygiene.

8.2.2 Toluene CAS no. 108-88-3

The Most Allowable Concentration (MAC) for toluene is 150 mg/m<sup>3</sup>.

## **9. Physical and chemical properties**

### **9.1 General Information**

- Physical state: the product is solid, supplied in film format and wound in rolls.
- Smell: slight smell
- Colour: Adhesive: clear. Liner: white. Carrier: white.

### **9.2 Important health, safety and environmental information**

- pH value: not defined (solid product)
- Boiling point: not defined (solid product)
- Flashpoint: not defined (solid product)
- Decomposition temperature: not defined (solid product)
- Auto-ignition temperature: not defined (solid product)
- Relative density: adhesive  $1.0 \pm 0.1 \text{ gr./cm}^3$   
liner  $0.96 \pm 0.1 \text{ gr./cm}^3$
- Solubility in water: negligible
- Vapour density: very low; > 99.42% solid, < 0.58% solvent

## **10. Stability / reactivity**

The product is stable under normal operating conditions.

## **11. Toxicological information**

- Inhalation: Not determined
- Skin Contact: Not determined
- Cytotoxicity: Not determined
- Eye contact: Not determined
- Ingestion: Not determined
- Long term exposure: Not determined

## **12. Ecological information**

- Product is not biodegradable
- Avoid losses to the environment whenever possible.
- Parts of the product will slowly degrade under exposure to UV-light. Adverse effects are not to be expected.

## **13. Disposal considerations**

Dispose of in a safe and approved manner in accordance with local regulations.

## **14. Transport information**

The material is not a hazardous good by any means for transportation.  
The product does not have any restricted classification.

## **15. Regulatory information**

According to the EG-directions, the product is not subject for special markings  
(R-sentence, S-sentence, Vbf are not applicable).



**16. Other information**

None

*This information is given in good faith and is based on our present knowledge and experience but no warranty, express or implied, is made.*

*For further information, please consult Avery Specialty Tape Division, Europe.*

*(☎ + 32. 14. 404 811)*



# Tsutsunaka Plastic Industry Co., Ltd.

Page

## 2) Standard roll form

ECG101	0.1 x 915mm x 500M	ECG101-80	0.13 x 915mm x 600M
	0.2 x 915mm x 300M		0.18 x 915mm x 400M
	0.25 x 915mm x 250M		0.25 x 915mm x 300M
	0.3 x 915mm x 200M		0.3 x 915mm x 250M
	0.4 x 915mm x 150M		0.38 x 915mm x 200M
			0.5 x 915mm x 150M

## Properties of "SUNLOID PC" Graphic Sheet and Film

Property	Test Method	Unit	Result
Specific Gravity	ASTM D 792	---	1.20
Tensile strength EC101, 0.5mm thick.	ASTM D 882	MPa (kgf/cm <sup>2</sup> )	63.7 (650)
Elongation EC101, 0.5mm thick.	ASTM D 882	%	85
Compressive Strength(*)	ASTM D 695	MPa (kgf/cm <sup>2</sup> )	81.3 (830)
Flexural Strength(*)	ASTM D 790	MPa (kgf/cm <sup>2</sup> )	93.1 (950)
Flexural Modulus(*)	ASTM D 790	MPa (kgf/cm <sup>2</sup> )	2,350 (24,000)
Rockwell Hardness(*)	ASTM D 785	---	R119
Izod Impact Strength(*)	ASTM D 256	J/m (kgf·cm/cm)	784 (80)
Heat Deflection Temperature (*)	ASTM D 648 1.82MPa (18.6kgf/cm <sup>2</sup> )	°C	135
Linear thermal expansion coefficient	ASTM D 696	x 10 <sup>-5</sup> °C	7.0
Thermal Conductivity	ASTM D 177	W/(m·K) (cal/cm·sec·°C x 10 <sup>-4</sup> )	0.19
Specific Heat	---	J/(kg·K) (cal/g·°C)	1,260 (0.3)
Water Absorption	ASTM D 570	%	0.23
Dielectric Strength(*)	ASTM D 149	kV/mm	14.8
Volume Resistivity(*)	ASTM D 257	Ω cm	3.8 x 10 <sup>15</sup>
Dielectric Constant(*)	ASTM D 150	---	2.9

(\*) Test specimen: Polycarbonate sheet thickness 3.0mm.

Note: The above figures are all representative data of testing, and are not subject to any guarantee or warranty.

October 1, 2001

Date: \_\_\_\_\_

"SUNLOID PC" GRAPHIC SHEET AND FILM

Subject: \_\_\_\_\_

## "SUNLOID PC" GRAPHIC SHEET AND FILM

We, Tsutsunaka Plastic Industry Co., Ltd. developed a polycarbonate sheet and film clear color of various thickness range and various types of surface finish offering superior stability against hot and cold temperature or sudden impacts produced in our subsidiary company PT. Tsutsunaka Plastic Indonesia located east of Jakarta.

"SUNLOID PC" Graphic Sheet and Film is the finest material for various kinds of name plate for electrical and electronic equipment, as well as for insulation for electrical applications or other machinery.

### Features of "SUNLOID PC" Graphic Sheet and Film

- 1) Excellent printability : Finely processed surface of "SUNLOID PC" Graphic Sheet and Film achieves easy and precision printing.
- 2) Good resistance against high heat and low temperature.
- 3) Electrical insulation.
- 4) Outstanding dimensional stability.
- 5) Various types of surface finish:
  - EC101 ----- Both sides polish, both sides with PE masking.
  - ECG101 ----- Both sides polish, both sides with PE masking.
  - ECG101S ----- One side matte and the other side polish, both sides without PE masking.
  - ECG101-80 ----- One side velvet and the other side matte, both sides without PE masking.


### Standard Specification of "SUNLOID PC" Graphic Sheet and Film

#### 1) Standard sheet size

Art. NO.	Dimension	Thickness(mm)											
		0.1	0.13	0.18	0.2	0.25	0.3	0.38	0.4	0.5	0.8	1.0	1.5
EC101	915 x 1830mm									20	10	10	7
	1000x 2000mm									20	10	10	7
ECG101	600 x 900mm	150			100	80	80		80				
ECG101S	600 x 900mm					80	80						
ECG101-80	400 x 455mm		100	300		200							
	400 x 1000mm									50			
	600 x 900mm			100			80	60					

\* The above figures show our standard wrapping unit.

\* Custom sheet size and thickness can be supplied on request.

 **Tsutsunaka Plastic Industry Co., Ltd.**

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