

Adhesive Tape S1278 / S1305

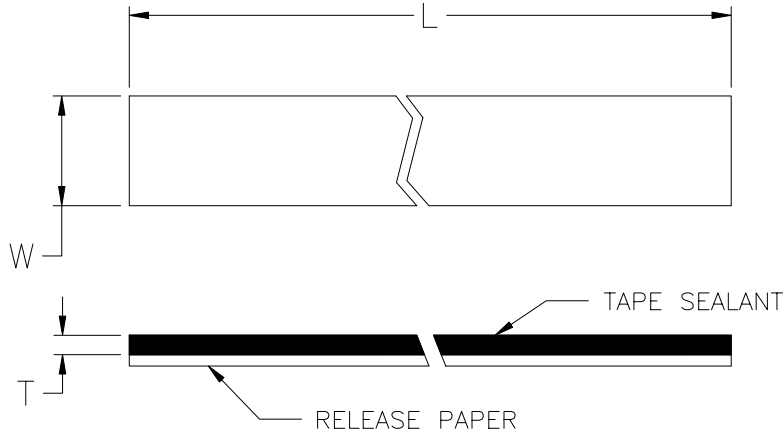


Table of Dimensions:

PART NUMBER	W ± 0.15 (3.8)	T ± 0.15 (3.8)	L (Standard Roll Ref.)
S1278-01	1.00 (25.4)	0.062 (1.574)	25 ft (7.62m)
S1305-01	1.00 (25.4)	0.062 (1.574)	25 ft (7.62m)

Notes:

- Gray butyl tape sealant
- Blocking prevented by release paper
- Shelf life for S1278 from date of manufacture: 12 years
- Shelf life for S1305 from date of manufacture: 12 years

Material Properties:

<u>Item</u>	<u>Specification Reference</u>
S1278	RW2020
S1305	RW2020

Specification Control Drawing

tyco <i>Electronics</i>		Tyco Electronics Corporation 300 Constitution Drive Menlo Park, CA 94025 USA		Raychem		Title Adhesive Tape S1278 / S1305	
Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application				Document No. S1278-S1305			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE SHOWN IN BRACKETS				Rev.: A		Rev. Date: February 8, 2005	
DRAWN BY: UNGUYEN	CAGE CODE: 06090	Org. Date: 2/8/05	File name: S1278-S1305.doc	SCALE: None	SIZE: A	SHEET: 1 of 2	

Table 2: Properties

	TEST METHOD	S1305	S1278
Physical			
Water absorption	ASTM D570	.75% (nom.)	.1% (nom.)
Specific gravity	ASTM D792	1.56 (nom.)	1.49 (nom.)
Elongation	ASTM D1002	350% - 400%	350% - 400%
Electrical			
Dielectric strength	ASTM D149	250 V/mil (min.)	250 V/mil (min.)
Volume resistivity	ASTM D257	10 ¹⁰ ohm-cm (min.)	10 ¹⁴ ohm-cm (min.)
Thermal			
Low-temperature flexibility (non-cracking on ½-inch radius)		-40°C	-40°C
Chemical			
Corrosion	ASTM D2671	Halogen-free, noncorrosive	Noncorrosive (16 hrs. @ 150°C)
Acid gas generation HCl equivalent	MIL-C-24643	1.5% (max.)	1.5% (max.)

Specification Control Drawing

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