Adhesive Tape
S1278 / S1305

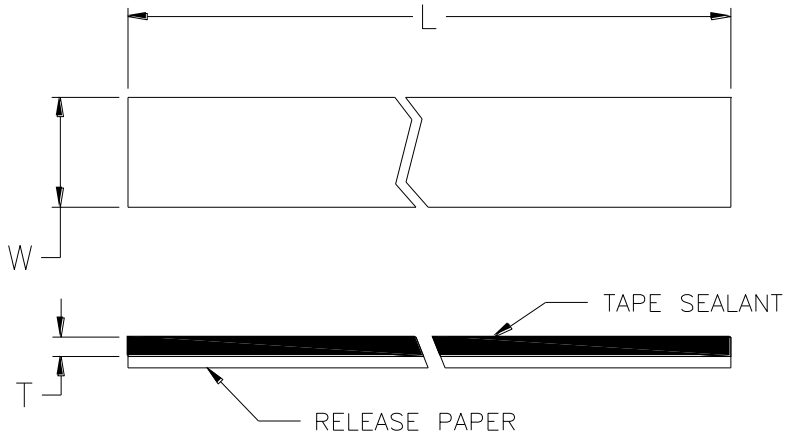


Table of Dimensions:

PART NUMBER	W ± 0.15 *(3.8)*	T ± 0.015 *(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)*
S1278-01X8FT	1.00 *(25.4)*	0.062 *(1.574)*	8 ft *(2.44m)*

Notes:

Gray or black 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:

Item	Specification Reference
S1278	RW2020
S1305	RW2020

Customer Drawing

				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.: A2		Rev. Date: January 23,2023	
DRAWN BY: *UNGUYEN*	CAGE CODE: 06090	Org. Date: 2/8/05	File name: **S1278-S1305.doc**	ECN: ECN-23-195198	SCALE: None	SIZE: A	SHEET: 1 of 2

©2005-2018 TE Connectivity. All rights reserved.
If this document is printed it becomes uncontrolled. Check for the latest revision.

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.)

©2005-2018 TE Connectivity. All rights reserved
If this document is printed it becomes uncontrolled. Check for the latest revision.