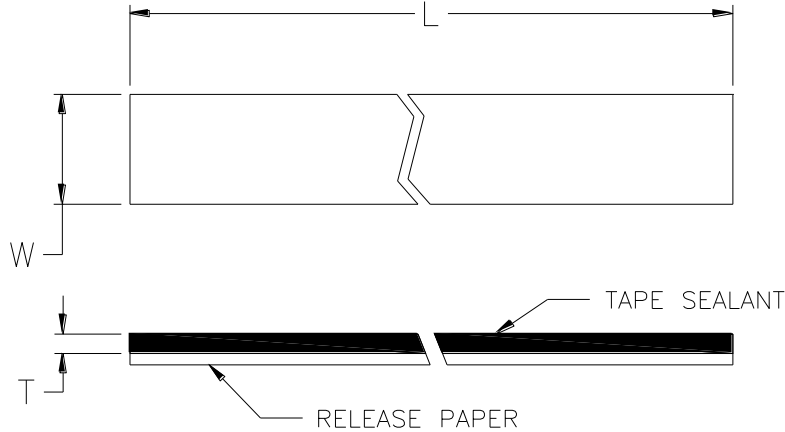


## Adhesive Tape S1278 / S1305



### 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

				<b>Title</b> <b>Adhesive Tape</b> <b>S1278 / S1305</b>			
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. <b>S1278-S1305</b>			
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

**Table 2: Properties**

	TEST METHOD	S1305	S1278
<b>Physical</b>			
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%
<b>Electrical</b>			
Dielectric strength	ASTM D149	250 V/mil (min.)	250 V/mil (min.)
Volume resistivity	ASTM D257	10 <sup>10</sup> ohm-cm (min.)	10 <sup>14</sup> ohm-cm (min.)
<b>Thermal</b>			
Low-temperature flexibility (non-cracking on ½-inch radius)		-40°C	-40°C
<b>Chemical</b>			
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.)

**Customer Drawing**

Rev. Date: 01/23/2013	Rev.: A2	Document No. <b>S1278-S1305</b>	Sheet: 2 of 2
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