

Adhesive Tape S1278 / S1305

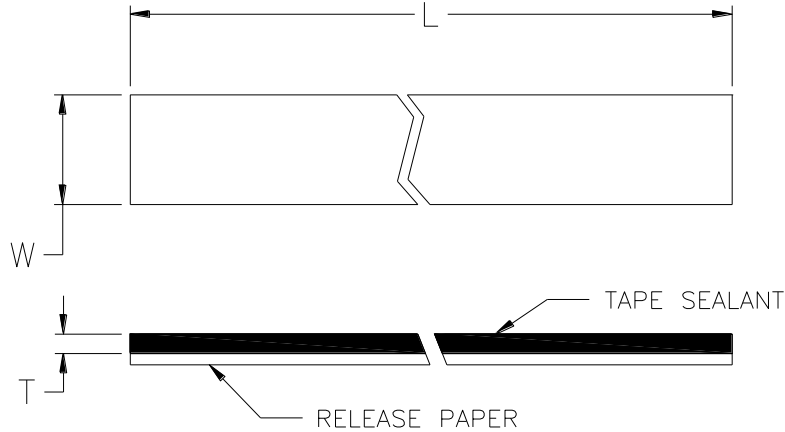


Table of Dimensions:

| 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) |

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 |

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.: A1 | | Rev. Date: October 9, 2018 | |
| 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 1/2-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.) |

Customer Drawing

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|------------------------|-------------|------------------------------------|------------------|
| Rev. Date: 10/09/18 | Rev.: A1 | Document No. S1278-S1305 | Sheet: 2 of 2 |
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