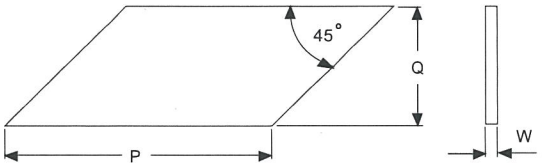
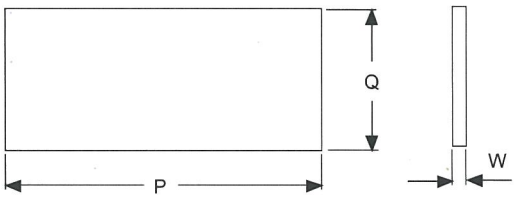
**Typical Application:**
S1189 is an oil resistant and stress relief tape with good flow properties.
It is used when an adhesive seal and a void filling or stress relief function is required between heat shrinkable components and cable substrates.
Material meets requirement of PPS 3012/32.
Colour = yellow.

S1189-1




S1189-3




| Part Number | Q mm | W mm | P mm | Angle cut-off nom. |
|---|---|---|---|---|
| S1189-1-100 | 20 ±3 | 1±0.3 | 100-5+10 | 45° |
| S1189-1-120 | 20 ±3 | 1±0.3 | 120-5+10 | 45° |
| S1189-1-150 | 20 ±3 | 1±0.3 | 150-5+10 | 45° |
| S1189-1-200 | 20 ±3 | 1±0.3 | 200-5+10 | 45° |
| S1189-1-250 | 20 ±3 | 1±0.3 | 250-5+20 | 45° |
| S1189-1-300 | 20 ±3 | 1±0.3 | 300-5+20 | 45° |
| S1189-1-350 | 20 ±3 | 1±0.3 | 350-5+20 | 45° |
| S1189-1-600 | 20 ±3 | 1±0.3 | 600-5+20 | 45° |
| S1189-1-900 | 20 ±3 | 1±0.3 | 900-5+20 | 45° |
| S1189-3-100 | 30 ±3 | 2±0.3 | 100-5+10 | 90° |
| S1189-3-150 | 30 ±3 | 2±0.3 | 150-5+10 | 90° |
| S1189-3-200 | 30 ±3 | 2±0.3 | 200-5+10 | 90° |
| S1189-3-400 | 30 ±3 | 2±0.3 | 400-5+20 | 90° |
| S1189-3-500 | 30 ±3 | 2±0.3 | 500-5+20 | 90° |
| S1189-3-600 | 30 ±3 | 2±0.3 | 600-5+20 | 90° |

S1189 is supplied as a flat tape with release paper on both sides, packed in alu bags (Ax) and labelled with description - batch number - quantity.

| Test | Spec. Clause | Quality Assurance | Requirement S.I. Units | Requirement Imperial Units |
|---|---|---|---|---|
| Density | 4.3 | Product Acceptance | (1.2-1.4) g/cm$^3$ | (1.2-1.4) g/cm$^3$ |
| Adhesive Peel Strength<br>Substrates 2/1 | 4.7 | | | |
| BBIT/Cu | | Qualification | 15 N/25mm min. | 3.4 lb/inch min. |
| SCTM/Cu | | Qualification | 15 N/25mm min. | 3.4 lb/inch min. |
| Dielectric Strength<br>(2mm/0.08 inch wall) | 4.9 | Qualification | 70 kV/cm min. | 175 V/mil min. |
| Volume Resistivity | 4.10 | Qualification | 1 x $10^8$ Ohm cm min. | 1 x $10^8$ Ohm cm min. |
| Dielectric Constant | 4.11 | Qualification | 5 min., 20 max. | 5 min., 20 max. |
| Resistance to Liquids<br>168hrs. at (23±2)°C<br>EPPA 016 Cable Oil<br>- Adhesive Peel Strength<br>BBIT/Cu | 4.15 | Qualification | 15 N/25mm min. | 3.4 lb/inch min. |
| Corrosive Effect<br>16hrs. at (120±2)°C | 4.16 | Qualification | No corrosion<br>(accept dark sheen) | No corrosion<br>(accept dark sheen) |

Notes: Plaque Moulding Conditions: Temp: 120°C
Time: 2 minutes
Pressure: 4N/mm (580 PSI)