



Technical Data Sheet

S1018 High Temperature Clear Removable Silicone Masking Tape

Description

S1018 is a single-coated removable tape with a silicone adhesive.

Features

The silicone adhesive provides stable peel and tack values as well as low tack and excellent adhesion. This tape is also easily removable without residue even after extended bonding periods.

Physical Characteristics	Standard Values
Carrier	1 mil PET
Adhesive Type	Silicone
Adhesive Thickness	2 mil – 0.051 mm
180° Peel Adhesion to Stainless Steel	30 oz/in – 6.8 N/25mm
Tape Color	Green/ Various
Liner	NA
Total Tape Thickness	3.0 mil – 0.076 mm
Tensile Strength	36 lbs/in
Available Lengths	72 and 144 yards

Tape Application

To achieve ultimate adhesion, the bonding surfaces should be dry, clean and free of dirt and oils. The strength of the adhesion bond is dependent on the amount of surface area directly contacting the adhesive. Firm pressure is recommended to obtain good adhesive to surface contact.

*Note: Values should be used for specification purposes and are averages taken from PSTC and ASTM test methods. The company does not warranty performance in specific applications. Since product performance may vary, each user should conduct their own test to determine the products fit for use in specific applications. The purchaser shall assume all risks and liabilities in connection therewith. Materials should be stored at 70°F (20°C) with 50% relative humidity. Champion Tape serves you better. Contact our team for qualified application support.

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