

TECHNICAL DATA SHEET

My-T-Stick® 2121

Hot Melt Adhesive

August 2019



METLOK PRIVATE LIMITED
(An ISO 9001 Certified Company)
W-27, M.I.D.C. Industrial Area
Kalmeshwar – 441 501, Nagpur

Product Description

My-T-Stick® 2121 is a hot melt adhesive based on polyolefin for use with special applications filters. It has both cold temperature flexibility (-40°C) and high temperature resistance of approximately 130°C. It is UL94 V-0 fire preservation grade and confirming EU RoHS.

Applications

- ❖ Used for bonding specialized filters.
- ❖ Used in electronic parts setting

Properties

Technology	: Hot Melt Adhesive
Chemical type	: Polyolefin based
Appearance	: Milky White
Specific Gravity	: 1.03±0.02
Viscosity @ 180°C	: 11000 cP
Viscosity @ 160°C	: 18000 cP
Softening point (Ring & Ball)	: 150 ± 7°C
Open Time	: 30-40 Sec
Setting Time	: 15-20 sec
Dielectric Constant , ASTM D150	: 2.04
Dielectric Dissipation factor , ASTM D150	: 0.0089
Breakdown Voltage, Dielectric Constant , ASTM D149	: 55.3 KV
Dielectric Strength , ASTM D149	: 20.87 KV/mm
Volume Resistivity ASTM D149	: 4.03x10 ¹⁵ Ω·cm

Application Information

1. All surfaces should be clean and free of contaminants. If necessary, clean surfaces with solvent.
2. Apply the adhesive to the more difficult-to-bond surface. In general, hard, smooth surfaces are more difficult to bond than rough, porous surfaces.
3. "Application time" varies depending on application temperature, amount of adhesive

4. applied, type of substrate and ambient temperature conditions.
5. Mate the surfaces to be bonded as quickly as possible after adhesive has been applied for optimum bond strength.
6. Use firmest pressure practical for object being bonded. Do not move or adjust surfaces after contact has been made, as inferior bond strength will result.

Storage and Handling

Shelf Life : 18 months @ 25±2°C

Storage : 25±2°C

Further Information: Please refer to MSDS for complete details.

Note

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METLOK PRIVATE LIMITED

(Bonding and Sealing Solutions)

An ISO 9001: 2015 Certified Company

Tel.: 07118-271543/271170/272468

Fax: 07118-272470

Visit us at: www.metlok.in