

# Technical Data Sheet

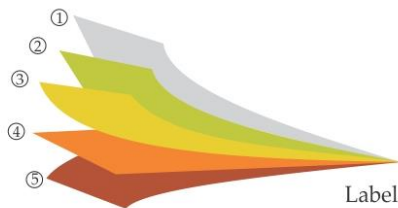
**powerstik**  
specialized battery label

An ISO 9001:2008 Certified Company

innovation  
making sticker better



## PRODUCT SPECIFICATIONS



Label

**1. Overlam:-** 25 microns BOPP Film

**2. Coating on film material for good printability**

**3. Face:-**

A matt white opaque PP Film material exhibiting good printability and conversion Flexography, Letterpress, Rotogravure, Offset, Thermal Transfer, Screen, Cold & Hot Foil printing.

**Weight:-** 92 gsm  $\pm$  2%

**Caliper:-** 80 microns  $\pm$  2%

**4. Adhesive:-** Complies with US FDA Regulations Chapter 21 para 175.105.

A specially formulated clear permanent pure acrylic adhesive featuring standard initial tack and bond strength to a wide range of substrates as mentioned above.

**Adhesive Coat Weight:-** 30 gsm  $\pm$  10%

**Min Application Temp:-** 5°C

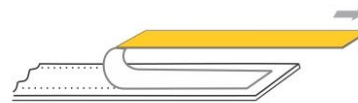
**Max Application Temp:-** 90°C

**5. Release Liner:-**

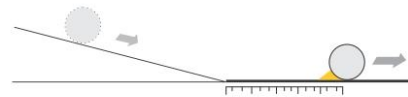
A Glassine Paper featuring high internal strength, toughness & tear resistance coated with addition cured (Platinum catalysed) solvent less silicone system giving excellent & smooth release required for automatic label dispensing.

**Weight:-** 120 gsm  $\pm$  5%

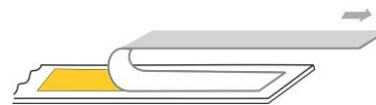
**Caliper:-** 130 microns  $\pm$  5%



**Peel Adhesion Value on Steel at 180° Angle:-**  
More Than 130g/square inch



**Roll Ball:-**  
Maximum 20mm



**Release Value at 180° Angle:-**  
Maximum 30g/square inch

**Shear Value:-**  
Minimum 2000 minutes with  
500 grams of suspended weight.

