

CONFIDENTIAL

Poly Lam Products, Corp.
80 Earhart Drive
Williamsville, NY 14221
Phone: (716) 633-1977
Fax: (716) 633-2007

SÜD-CHEMIE
Creating Performance Technology



ISO 9002 Certified

Product Description: PKT Sorb-It® 1/2G G2 16X33 6K/P	Issue Date August 26, 2002	Material Number 4181
Approved: QA _____ date _____ Prod _____ date _____	Review Date August 26, 2002	Revision 009

1.0 Title

PKT Sorb-It® 1/2G G2 16X33 6K/P

2.0 Components

- 2.1 Fill Contents - Activated Silica Gel - 0.5 grams (+/- 10% average of 10 packets)
- 2.2 Paper - GDT II (non-woven, heat sealable polyester and polypropylene fibers)
- 2.3 Polyliner - 4 mil
- 2.4 Humidity indicating card (3-spot)
- 2.5 Container - 5 gallon pail with gasket and lid and locking ring

3.0 Assembly

Fill each packet with silica gel (ref. 2.1). Form individual packets to 16 mm x 33 mm +/- 2 mm. Print stock copy (blue) on GDT-II using print plate #S16N-A.

4.0 Packing

6,000 packets per pail, sealed in a polyliner with the humidity indicating card placed on the top of the packets, then twist tied using a wire tie. Contents sealed in a pail.

5.0 Label Markings

- 5.1 Customer Address
- 5.2 Customer Order Number
- 5.3 Product Code
- 5.4 Product Description
- 5.5 Quantity
- 5.6 Customer Part or Item Number if applicable
- 5.7 Product Lot Number

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6.0 Product Performance Criteria

Typical Protective Packaging Application Adsorption Capacity Performance Data

Relative Humidity at 25°C	Desi Pak® Clay	Sorb-It® Silica Gel
5	5.5	3.4
10	9.6	6.9
15	12.6	10.3
20	14.8	13.6

- 6.1 Adsorption Capacity: $\geq 16\%$ at 25 ° C at 80% relative humidity using UD QA manual procedure #500.
- 6.2 Residual Moisture: $\leq 3.0\%$ using UD QA manual procedure #502.
- 6.3 Net Weight: 0.5 grams (+/- 10% average of 10)
- 6.4 Dimensions: 16 mm x 33 mm (+/- 2 mm)

Reason for Revision 001:
1. Format Change

Reason for Revision 002 (August 25, 1995):
1. Add print plate number in 3.0

Reason for Revision 003 (May 15, 1997):
1. Add revision dates.
2. Update print plate number in 3.0.

Reason for Revision 004 (November 19, 1997):
1. Change adsorption capacity and residual moisture performance criteria to conform to test procedures.

Reason for Revision 005 (July 9, 1999):
1. Change from product code 11050810 to material number 4181.
2. Update title in 1.0 to reflect new nomenclature.

Reason for Revision 006 (March 25, 2002-EMK):
1. Changed description, 1.0, and 3.0 to reflect current nomenclature.

Reason for Revision 007 (April 11, 2002-EMK)
1. Changed description, and 1.0 to reflect current nomenclature.

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Reason for Revision 008 July 11, 2002
Product performance capacity data added at different relative humidities.

Reason for Revision 009 (August 26, 2002-ngc):
1. Changed print plate from #8 to #S16N-A in 3.0.