

Poly Lam Products, Corp.
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Product Description: BAG DESI PAK [®] 1U T2 TY-654 5X3-1/2 1300/D	Issue Date March 11, 2004	Material Number 3786
Approved: QA _____ date _____ Prod _____ date _____	Review Date March 11, 2004	Revision 012

1.0 Title

BAG DESI PAK[®] 1U T2 TY-654 5X3-1/2 1300/D

2.0 Components

- 2.1 Fill Contents: Activated Clay – 33.0 grams (+10% / -5%)
- 2.2 Film: Tyvek (Spun bonded HDPE)
- 2.3 Humidity indicating card: 1 spot
- 2.4 Container: 34 gallon fiber drum with gasket, lid, and locking ring

3.0 Assembly

Fill each bag with activated clay (ref. 2.1). Form individual bag to 5" (+1/4" – 3/4") x 3 1/2" (+/- 1/4"). Print stock copy (blue) on Tyvek film using print plate #654.

4.0 Packing

1,300 bags per drum, with the humidity indicating card placed on the top of the packets. Contents sealed in a drum.

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:

6.1.1 $\geq 16\%$ at 25 °C, 80% relative humidity.

6.1.2 ≥ 6.0 g/u at 25 °C, 40% relative humidity.

6.1 Residual Moisture: $\leq 3.0\%$ using QA manual procedure #502.

6.2 Net Weight: 33.0 grams (+10% / -5%)

6.3 Dimensions: 5" (+1/4" – 3/4") x 3 1/2" (+/- 1/4")

6.4 Package and contents meet or exceed the specifications of Mil-D-3464E, including unit adsorption capacity of 2.85 grams per unit.

Reason for Revision 001:

1. Changed dimensional tolerances (3.0, 6.4)
2. Added "A: to plate number (3.0)
3. Added Mil-D-3464E specifications (6.5)

Reason for Revision 002:

1. Change print plate number to 530-B (3.0)

Reason for Revision 003 (January 8, 1997):

1. Format change.

Reason for Revision 004 (March 2, 1998):

1. Change drum size from 32 gallon to 34 gallon in 2.4.
2. Add revision dates.

Reason for Revision 005 (October 7, 1998):

1. Correct +/- % in 2.1 and 6.3.

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Reason for Revision 006 (July 27, 1999):

1. Change from product code 72014020 to material number 3786.
2. Update title in 1.0 to reflect new nomenclature.

Reason for Revision 007 (October 11, 2001-ngc):

1. Changed product description, 1.0, & 3.0 to reflect current nomenclature.

Reason for Revision 008 (March 19, 2002-ngc):

1. Changed product description, 1.0, & 3.0 to reflect new print plate 654.

Reason for Revision 009 (May 17, 2002-ngc):

1. Changed 2.1 and 6.3 to reflect current practice.

Reason for Revision 010 July 17, 2002

Product performance capacity data added at different relative humidities.

Reason for Revision 011 (September 26, 2003-ngc):

- 1 Added "including unit adsorption capacity of 2.85 grams per unit" in 6.5 to clarify.

Reason for Revision 012 (March 11, 2004-ngc):

1. Added Mil-D test criteria in 6.1 to clarify.