

**Poly Lam Products Corp.**  
 80 Earhart Drive  
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 Phone: (716) 633-1977  
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<b>Product Description:</b> BAG DESI PAK <sup>®</sup> 1/2U T2 CP-528 3 X 3 550/P	<b>Issue Date</b> August 11, 2004	<b>Material Number</b> 3741
<b>Approved:</b> QA _____ date _____ Prod _____ date _____	<b>Review Date</b> August 11, 2004	<b>Revision</b> 006

**1.0 Title**

BAG DESI PAK<sup>®</sup> 1/2U T2 CP-528 3 X 3 550/P

**2.0 Components**

- 2.1 Fill Contents: Activated Clay – 16.5 grams +/- 5%
- 2.2 Paper: X-Crepe
- 2.3 Print: Stock Mil-Spec copy (blue) – print plate #528
- 2.4 Humidity indicating card: 1 spot
- 2.5 Container: 6 1/2 gallon pail, gasket and lid, and locking ring

**3.0 Assembly**

Fill each bag with activated clay (ref. 2.1). Form individual bag to 3"(+1/4" - 3/4") x 3" (± 1/4").

**4.0 Packing**

550 bags per pail with the humidity indicating card placed on the top of the bags. Contents sealed in a 6 1/2 gallon 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 <sup>®</sup> Clay (%)	Sorb-It <sup>®</sup> 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, 80% relative humidity
- 6.2 Residual Moisture:  $\leq 3.0\%$
- 6.3 Net Weight: 16.5 grams +/- 5%
- 6.4 Dimensions: 3" (+1/4" – 3/4") x 3" (+/- 1/4")
- 6.5 Package and contents meets or exceeds specifications of Mil-D-3464E.

Reason for Revision 001:

- 1. Change print plate to 528-B in 2.3
- 2. Add 6.5, product meets Mil-D-3464E.

Reason for Revision 002 (August 23, 1996):

- 1. Change pail size to 6 1/2 gallon in 2.5, 4.0

Reason for Revision 003 (October 8, 1999):

- 1. Change from product code 71008020 to Material Number 3741.
- 2. Update title in 1.0 to reflect new nomenclature.

Reason for Revision 004 (October 10, 2001-ngc):

- 1. Changed product description, 1.0, & 2.3 to reflect current nomenclature.

Reason for Revision 005 July 17, 2002

Product performance capacity data added at different relative humidities.

Reason for Revision 006 (August 11, 2004-ngc):

- 1. Changed length dimension from "3 1/2" " to "3" " in Product Description, 1.0, 3.0, and 6.4 to reflect current criteria.
- 2. Upgraded ISO reference in header to 9001.