

Poly Lam Products, Corp.  
 80 Earhart Drive  
 Williamsville, New York 14221  
 Phone: (716) 633-1977  
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<b>Product Description:</b> BAG DESI PAK <sup>®</sup> 4U T2 CP-523 5X5.5 500/D	<b>Issue Date</b> April 1, 2004	<b>Material Number</b> 3809
<b>Approved:</b> QA _____ date _____ Prod _____ date _____	<b>Review Date</b> April 1, 2004	<b>Revision</b> 008

### 1.0 Title

BAG DESI PAK<sup>®</sup> 4U T2 CP-523 5X5.5 500/D

### 2.0 Components

- 2.1 Fill Contents: Activated Clay – 132 grams +/- 5%
- 2.2 Film: X-Crepe paper
- 2.3 Print (Mil-Spec) – blue
- 2.4 Humidity indicating card: 1 spot
- 2.5 Container: fiber drum with gasket and 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 5.5" (+/- 1/2"). Print using print plate #523.

### 4.0 Packing

500 bags per drum, with a humidity indicating card placed on top of the bags. Contents sealed in the container using a gasket lid and locking ring.

### 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

### 6.0 Product Performance Criteria

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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:
  - 6.1.1  $\geq 16\%$  at 25 °C, 80% relative humidity.
  - 6.1.2  $\geq 6.0$  g/u at 25 °C, 40% relative humidity.
- 6.1 Residual Moisture:  $\leq 3.0\%$
- 6.2 Net Weight: 132 grams +/- 5%
- 6.3 Dimensions: 5" (+1/4" – 3/4") x 5.5" (+1 1/2")
- 6.4 Package and contents meets or exceeds the specifications of Mil-D-3464E.

Reason for Revision 001:

1. Add print plate reference
2. Remove Universal Caution Labels

Reason for Revision 002 (April 30, 1996):

1. Change print plate number to #523-B in 3.0
2. Change dimensional tolerances in 3.0 and 6.4

Reason for Revision 003 (July 19, 1997):

1. Format change.
2. Add revision dates.

Reason for Revision 004 (November 4, 1999):

1. Change from product code 71022020 to Material Number 3809.
2. Update title in 1.0 to reflect new nomenclature.

Reason for Revision 005 (October 22, 2001-ngc):

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

Reason for Revision 006 July 19, 2002

Product performance capacity data added at different relative humidities.

Reason for Revision 007 (March 17, 2004-ngc):

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1. Added Mil-D test criteria to 6.0 to clarify.

Reason for Revision 008 (April 1, 2004-ngc):

1. Changed product description and 1.0 to reflect new nomenclature.
2. Changed length in 3.0 and 6.3 from 6" to 5.5" to reflect new product configuration.