


## TECHNICAL DATA SHEET

GENERAL DESCRIPTION			
Bag Type	 <p>PBS 3D.55 Pollination Bag</p>		
Manufacturer	PBS International Ltd		
Description	<p>Designed for a range of breeding applications, the PBS 3D.55 bag is constructed with a gusset to provide extra capacity. The increased space minimises contact between the plant and the bag. Optional window flap to protect against strong sunlight.</p> <p><b>duraweb®</b>, the unique material that our products are made from, is much stronger than paper or plastic and is durable in rain and windy conditions.</p> <p>The advanced breathability of <b>duraweb®</b> creates an environment inside the bag that minimises humidity and high temperatures far more effectively than paper or plastic bags. It halts unwanted pollen, reduces contamination and increases seed yield.</p>		
Country of Origin	United Kingdom		
HS Code	HS 392329 90 0		
Storage	Store in cool, dry conditions		
PRODUCT DATA			
Dimensions	<table border="0"> <tr> <td>           Pollination Bag:           <ul style="list-style-type: none"> <li>• Length: 55cm</li> <li>• Width: 15.8cm</li> <li>• Depth: 15.8cm</li> </ul> </td> <td>           Observation Window:           <ul style="list-style-type: none"> <li>• Length: 25cm</li> <li>• Width: 10cm</li> </ul> </td> </tr> </table>	Pollination Bag: <ul style="list-style-type: none"> <li>• Length: 55cm</li> <li>• Width: 15.8cm</li> <li>• Depth: 15.8cm</li> </ul>	Observation Window: <ul style="list-style-type: none"> <li>• Length: 25cm</li> <li>• Width: 10cm</li> </ul>
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Materials	Pollination Bag: non-woven polyester Observation Window: UV Stable PVC		
Colour	White		
Research Journals for PBS International Pollination Bags	<p>John C. Clifton-Brown<sup>1</sup>, Hannah Senior, Sarah J. Purdy, Richard Horsnell, Bernd Lankamp, Ann-Katrin MuÈennekhoff, Daljit Virk, Estelle Guillemois, Vera Chetty, Alan Cookson, Sarah Girdwood, Gabi Clifton-Brown, Mei Lie MC Tan, Danny Awty-Carroll, Alison R. Bentley. 2018. <i>Investigating the potential of novel nonwoven fabrics for efficient pollination control in plant breeding</i>. PLoS ONE 13(9):1-21, e0204728.</p> <p>Luc Bonneau, Deborah Eli; Phillip Vovola and Daljit Singh Virk 2017. <i>Comparing pollination bag types for micro-environmental parameters influencing seed production in oil palm</i>. J. Oil Palm Res. Vol. 29 (2): 168-179.</p> <p>Gaddameedi, A., Kumar, A.A., Madhavrao P.R., Virk, D.S. and Senior, H. 2017. Evaluating the Efficacy of Synthetic Fibre Pollination Control Bags in Sorghum During the Rainy Season. Int. J. Plant Breed. Genet., 11(1):39-54.</p> <p>Schaffert, R.E., D.S. Virk and H. Senior, 2016. Comparing pollination control bag types for sorghum seed harvest. J. Plant Breed. and Crop Sci., 8(8):126-137.</p> <p>Hayes, C. and D.S. Virk, 2016. Assessing the relative efficacy of polyester pollination bags and crossing tents, and isolation chambers for seed harvest in <i>Miscanthus</i> crosses. Int. J. Plant Breed. Genet., 10(2):79-90.</p>		