


## TECHNICAL DATA SHEET

GENERAL DESCRIPTION					
Bag Type	 <p>PBS 2D.42 SG1 Pollination Bag</p>				
Manufacturer	PBS International Ltd				
Description	<p>Specially developed to deal with the specific issues of bird damage and mold, both of which are the scourge of Sorghum breeders.</p> <p>The 2D.42 SG1 is made from <b>duraweb® Sentinel SG1</b> which offers a number of economic benefits for replacing the traditionally used paper bags for germplasm maintenance, hybridization processes and generation advance in sorghum.</p> <p>The advanced breathability of <b>duraweb® Sentinel SG1</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="1"> <tr> <td>Pollination Bag:</td> <td>Observation Window:</td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>Length: 42cm</li> <li>Width: 21cm</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>None</li> </ul> </td> </tr> </table>	Pollination Bag:	Observation Window:	<ul style="list-style-type: none"> <li>Length: 42cm</li> <li>Width: 21cm</li> </ul>	<ul style="list-style-type: none"> <li>None</li> </ul>
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Materials	Pollination Bag: non-woven polyester				
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>. <i>PLoS ONE</i> 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>. <i>J. Oil Palm Res. Vol. 29 (2): 168-179</i>.</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. <i>Int. J. Plant Breed. Genet.</i>, 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. <i>J. Plant Breed. and Crop Sci.</i>, 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. <i>Int. J. Plant Breed. Genet.</i>, 10(2):79-90.</p>				