PDS No. 30x321/ 31x3xx	**PRODUCT DATA SHEET**				Page 1 of 1
Revision 04	PE Grip Stopper				greiner bio-one
	Greiner Item-No. 30x321 / 31x3xx				
Valid for Item-No.:	**301321**	**302321**	**303321**	**307321**	**310321**
	310379	**317321**	**318321**		

1.	**Description / Specification**	
1.1	Description	PE Grip stopper *301321*: for tube Cat.-No. 103xxx *302321*: for tube Cat.-No. 106xxx, 109xxx *303321*: for tube Cat.-No. 112xxx, 115xxx *307321*: for tube Cat.-No. 130xxx, 136xxx *310321*: for tube Cat.-No. 160xxx, 169xxx *310379*: for tube Cat.-No. 160xxx *317321*: for tube Cat.-No. 175xxx *318321*: for tube Cat.-No. 184xxx, 187xxx
1.2	Dimensions	*301321*: outside diameter of thread: 8,74 mm *302321*: outside diameter of thread: 9,3 mm (+/-0,05 mm) *303321*: outside diameter of thread: 10,15 mm (+/-0,05 mm) *307321*: outside diameter of thread: 12,25 mm (+/-0,05 mm) *310321*: outside diameter of thread: 13,85 mm (+0,2/-0 mm) *310379*: outside diameter of thread: 13,85 mm (+/-0,05 mm) *317321*: outside diameter of thread: 14,65 mm (+/-0,05 mm) *318321*: outside diameter of thread: 15,1 mm (+/-0,05 mm)
1.3	Volume	N/A
1.4	Material / Resin	LDPE (Low Density Polyethylene), free of heavy metal
1.5	Colour	*310379*: white *30x321 / 31x321*: translucent
1.6	Sterilization	No
1.7	Quality Control	- Raw Material-Control: physical testing - Product-Control: testing of attributive and variable characteristics in accordance with the valid specification
1.8	Other Information	For single use only

2.	**Features**	
2.1	Basic features	-
2.2.	Temperature range	-50℃ to +80℃
2.3	Autoclavability	No
2.4	Centrifugation, max. RCF	N/A
2.5	Chemical Resistance	See homepage: www.gbo.com/bioscience →Products →Literature →Technical Information→Chemical Resistance of Resins
2.6	Shelf life	N/A
2.7	Other Information	-

3.	**Packaging**	**301321**	**302321**	**303321**	**307321**
3.1	Pieces / Bag	1000	500	500	100
3.2	Pieces / Box	30000	25000	20000	10000
3.3	Lot-No.	E YY MM XXX (manufacturing facility, year, month, consecutive SAP-No.)			
3.4	Other Information	-			
	Packaging	**310321**	**310379**	**317321**	**318321**
3.1	Pieces / Bag	100	11000	10000	250
3.2	Pieces / Box	8000	11000	10000	8000
3.3	Lot-No.	E YY MM XXX (manufacturing facility, year, month, consecutive SAP-No.)			
3.4	Other Information	-			

4.	**Other Information**
	-

Data Sheet subject to change without notice!

Prior Issue	**Drawn**	**Approved**	**Released**
Revision 03	Date 4 April 2011	Date 7 April 2011	Date 8 April 2011
Date 11.01.2011	Name S. Kaelberer	Name Dr. A. Fuhrmann	Name A. Schulz

CONFIDENTIAL: Information contained in this document or drawing is confidential and proprietory to Greiner Bio-One GmbH. This document may not be reproduced for any reason without written permission from Greiner Bio-One GmbH. All rights of design, invention, and copyright are reserved.