

# DURAFLOW Q

## 800/2/14

TECHNICAL DATA SHEET	G 003 002
ISSUE NUMBER	02
DATE	MAY 2021

**Product Description:** Cirtex® DuraFlow Q 800/2/14 drainage geocomposite made by a 3-dimensional, high void ratio monofilaments core heat bonded with two filter geotextiles.

PHYSICAL PROPERTIES	STANDARD	UNIT		TOLERANCE	
<b>FILTER GEOTEXTILES</b>					
Raw material			PP		
Weight	EN ISO 9864	g/m <sup>2</sup>	140	-14	
Tensile Strength MD/CMD	EN ISO 10319	kN/m	9,5/9,5	-1	
Elongation at max load MD/CMD	EN ISO 10319	%	60/80	± 20	
CBR puncture resistance	EN ISO 12236	N	1600	-160	
Opening size	EN ISO 12956	micron	75	±30	
<b>DRAINAGE CORE</b>					
Raw material					
Weight	EN ISO 9864	g/m <sup>2</sup>	500		
Width		m	2-4		
<b>GEOCOMPOSITE</b>					
Weight	EN ISO 9864	g/m <sup>2</sup>	780	± 78	
Thickness	EN ISO 9863-1	mm	8	± 1	
Tensile strength MD/CMD	EN ISO 10319	kN/m	20/20	-2	
Elongation at max load MD/CMD	EN ISO 10319	%	70/70	± 25	
<b>HYDRAULIC PERFORMANCES</b>					
Plane flow capacity MD (20kPa, S/S, i=1)	EN ISO 12958	l/(m·s)	1,9	-0, 4	
Plane flow capacity MD	EN ISO 12958	l/(m·s)		-20%	
S/S: Soft/Soft Contact S/R: Soft/Rigid Contact R/R: Rigid/Rigid Contact	Hydraulic gradient	Contact	i = 0, 04	i = 0, 10	i = 1
	Load: 20 kPa	S/R	0, 35	0, 55	2, 20
	" 50 kPa	S/R	0, 30	0, 50	1, 90
	" 100 kPa	S/R	0, 25	0, 40	1, 40
	" 200 kPa	S/R	0.04	0.09	0, 20
<b>STANDARD DIMENSIONS</b>					
Width		m	2-4	±3%	
Length		m	35	±2%	
Filter overlapping		cm	10		
Rolls/pallet		n°	4		

ISO 9001

BUREAU VERITAS  
Certification



This product has been manufactured under the controls established by Bureau Veritas certification approved management system that conforms with ISO 9001:2015. Bureau Veritas Certification certificate number NZ 001784-1

**DISCLAIMER:** All information provided in this document is correct to the best knowledge Cirtex Industries Pty Ltd ("Cirtex") and is given out in good faith. While every effort has been made to ensure the accuracy of the information in this catalogue, Cirtex assumes no responsibility for errors or omissions or for any consequences of reliance on this catalogue. The information presented herein is intended only as a general guide to the use of such products and no responsibility or liability is accepted by Cirtex for any loss or damage however arising, which results either directly or indirectly from use of such information. Cirtex has a policy of continuous development therefore information and product specifications may change without notice. This document is subject to copyright in its entirety. The contents may not be reproduced in any form, either in whole or in part, without written permission from Cirtex. Copyright 2021. All rights reserved.

