



SELCOM

Multiaxial Technology

SELCOM SRL
 via della Torre n. 17
31010 FREGONA (TV) ITALY
 phone +39 0438 585166
 modem fax +39 0438 585172
 manual fax +39 0438 916049

cap. soc. EURO 101490,00
 cod. fisc. e p.i. IT 02369430265
 trib. Treviso n. 33642 reg. soc.
 c.c.i.a.a. Treviso n. 206094
 M. estero TV 028944
 E-mail: info@selcom-srl.com

MULTIAXIAL TECHNOLOGY (NCF)
unidirectional & stitched multiaxial fabrics in
glass, carbon, aramid... and hybrids for the
composite industry

internet: www.selcom-srl.com

Technical Data Sheet

PRODUCT NAME ETXL900	Code 01500000914
Triaxial fabric 0° +45° -45° in "E" glass	

layers	angle	fiber	plan	tex	areal weight	areal weight
	tolerance				gr/m ²	tolerance
0°	-	Polyester yarn	L5	8,3	10	± 3 %
0°	± 1°	E glass : PPG Roving 2002 or equivalent	L5	1200 - 600	300	± 3 %
+ 45°	± 1°	E glass : PPG Roving 2002 or equivalent	L5	300 - 600	302	± 3 %
- 45°	± 1°	E glass : PPG Roving 2002 or equivalent	L5	300 - 600	302	± 3 %
TOTAL gr/m ²					914	± 3 %

Characteristics for fabric

lunghezza rotolo - standard roll length:	mtl 50 ± 1 mtl
larghezza rotolo - standard roll width:	mm 1270 ± 10 mm
peso netto rotolo - net roll weight:	Kg. 58 ± 3 %
tolleranza sulla grammatura - areal weight tolerance:	± 3 % (± 27 gr/m ²)
grammatura teorica - theoretical areal weight:	gr/m ² 914
identificazione rotolo - ident roll:	ETXL900
tipo di legatura - knitting type:	pillar + tricot
filo di legatura - stitch yarn:	polyester, texturated, 8,3 tex

Characteristics for filament yarn

tipo fibra - type:	PPG Roving 2002
binder content:	0.55 - 0.65 % (nominal)
produttore - manufacturer:	PPG Industries
densità volumetrica - volumetric density:	gr/cm ³ 2.59 - 2.62
diamentro filamento - filament diameter:	µm 14 (300 tex) - µm 12 (600 tex) - µm 17 (1200 tex)
resistenza a trazione - tensile strength:	Mpa 1900 - 2400 (ASTM D-2343) *
modulo a trazione - tensile modulus:	Gpa 69 - 76 (ASTM D-2343) *
allungamento a rottura - elongation at break:	3.5 - 4 %

*According to ASTM D-2343. All these informations can be used for material selection purposes only.

Fregona li 25/11/14

NB : THIS DOCUMENT IS COMPUTER GENERATED AND IT'S VALID WITHOUT SIGNATURE

Quality Assurance
 Ing. Giovanni Fardin



DNV

TYPE APPROVED PRODUCT - CERTIFICATE NO. K-5808



Member of CISQ Federation

RINA
 ISO 9001:2008
 Certified Quality System



Confidentiality Statement

The information, data, and charts embodied in this Technical Data Sheet (TDS) are strictly confidential and are supplied on the understanding that they will be held confidentially and not disclosed to third parties without the prior written consent of Selcom srl with registered office in 31010 Fregona (TV) ITALY-Via Della Torre no. 17 -For further info, please contact Selcom srl at info@selcom-srl.com or fax to no. +39 0438 58 51 72 / 91 60 49 SELCOM Srl is a weaver of technical textiles from continuous filaments (rovings). All information supplied by or on behalf of SELCOM Srl in relation to its products, whether in the nature of data, recommendations or otherwise, has been given in good faith and in compliance with technical and commercial information supplied by raw materials (fibre) manufacturers. All information aforementioned are supported by its own experience and believed reliable but SELCOM Srl declines all responsibility in respect of the application, processing or use of the aforementioned information or any consequence thereof. The buyer undertakes all liability in respect of the application, processing or use of the aforementioned information or product, whose quality and other properties he shall verify or any consequence thereof. SELCOM Srl believes that it is the user that shall determine the suitability of a product for its end-use and the user that assures all liability in connection therewith. M10-1-02.DOC Ed.01-Rev.00-12.05.10