



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 multi-axial fabrics in
 glass, carbon, aramid... and hybrids for the
 composite industry

internet: www.selcom-srl.com

Technical Data Sheet

PRODUCT NAME ETXL400	Code 01500000434
Stitched Triaxial fabric 0°±45° in "E" glass	

layers	angle	fiber	plan	tex	areal weight	areal weight
	tolerance				gr/m ²	tolerance
0°	-	Polyester yarn	L2	8,3	13	± 3 %
0°	± 1°	E glass : NEG Roving 2002 or equivalent	L2	600	118	± 3 %
0°	± 1°	E glass : NEG Roving 2002 or equivalent	L2	300	59	± 3 %
+45°	± 1°	E glass : NEG Roving 2002 or equivalent	L2	300	122	± 3 %
-45°	± 1°	E glass : NEG Roving 2002 or equivalent	L2	300	122	± 3 %
TOTAL gr/m ²					434	± 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. 27,5 ± 3 %
tolleranza sulla grammatura - areal weight tolerance:	± 3 % (± 13 gr/m ²)
grammatura teorica - theoretical areal weight:	gr/m ² 434
identificazione rotolo - ident roll:	ETXL400
tipo di legatura - knitting type:	tricot
filo di legatura - stitch yarn:	polyester, texturated, 8,3 tex

Characteristics for filament yarn

tipo fibra - type:	Hybon - NTY 2002
binder content :	0.55 - 0.65 % (nominal)
produttore - manufacturer:	NEG - Nippon Electric Glass
densità volumetrica - volumetric density:	gr/cm ³ 2.59 - 2.62
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 04/11/21

Quality Assurance
 Ing. Giovanni Fardin

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



DNV-GL TYPE APPROVED PRODUCT - Cert. No. TAK000017X



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