



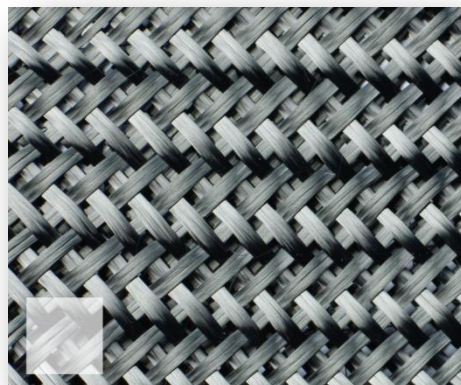
Orthopedic Unidirectional Tapes and Tubular Braids

Eurocarbon is capable of weaving tapes from 10 mm up to 360 mm width, in unidirectional or several different weaving styles.

This section is meant to give you an idea what kind of products are frequently used in the orthopedic market and probably you will find products which are familiar to you. The program contains braids for torsional reinforcement and woven UD tapes for bending loads. Besides this program we can serve you with a wide range of braids and tapes.

Uni-directional tapes

Article	Material	Weight g/m ²	Width in mm						
			19	25	38	45	50	75	100
E	Glass 1200 tex	600		x			x	x	x
G	Carbon 12K	340		x			x	x	x
155	Carbon 12K	375	x	x	x		x	x	x
7014	Carbon 6K/ Glass 34 x 2 tex	394		x			x		
721	Carbon 12K/ Glass 68 x 2 tex	297		x		x	x	x	x



B 144/06

ORTHOPEDICS

UD TAPES/BRAIDS

Orthopedic Unidirectional Tapes and Braids

Carbon braids Middle Weight (6K Fibers)

Article	Diameter at $\pm 45^\circ$ in mm	Weight per meter (g/m)	Fabric weight g/m^2	Thickness at 50% FV mm	Yield m/kg
B 048/06	40	27	215	0,24	37
B 080/03	50	48	306	0,34	21
B 144/12	120	82	218	0,24	12,7
B 144/06 	125	163	415	0,46	6,1
B 144/15	150	163	346	0,38	6,1
B 144/10	191	163	272	0,30	6,1

Carbon braids Heavy Weight (12K Fibers)

Article	Diameter at $\pm 45^\circ$ in mm	Weight per meter (g/m)	Fabric weight g/m^2	Thickness at 50% FV mm	Yield m/kg
D 060/01	40	68	541	0,60	14,7
D 120/03	125	272	693	0,77	3,7
D 144/09	131	163	396	0,44	6,1
D 144/05	150	326	692	0,77	3,1
D 144/06	191	489	815	0,91	2,0

Glass Braids

Article	Diameter at $\pm 45^\circ$ in mm	Weight per meter (g/m)	Fabric weight g/m^2	Thickness at 50% FV mm	Yield m/kg
144/43	110	111	315	0,25	9,0
144/44	115	166	459	0,36	6,0
144/45	192	194	320	0,25	5,2

Hybride Braids (Glass and Carbon)

Article	Diameter at $\pm 45^\circ$ in mm	Weight per meter (g/m)	Fabric weight g/m^2	Thickness at 50% FV mm	Yield m/kg
H 144/11	113	124	349	0,32	8,1
H 144/10	155	2126	254	0,23	8,1