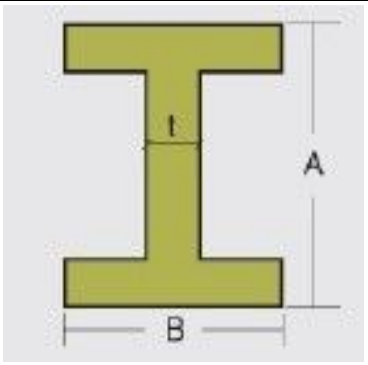
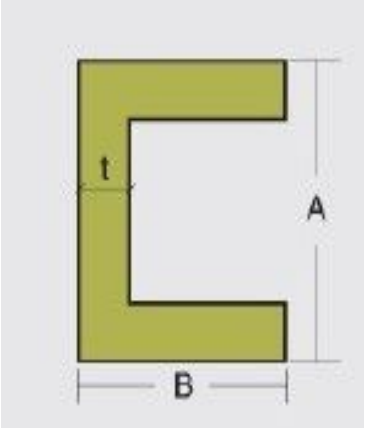
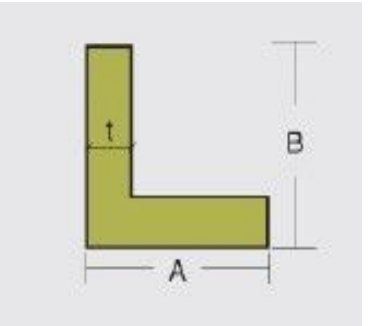
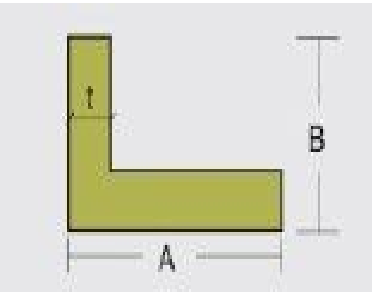
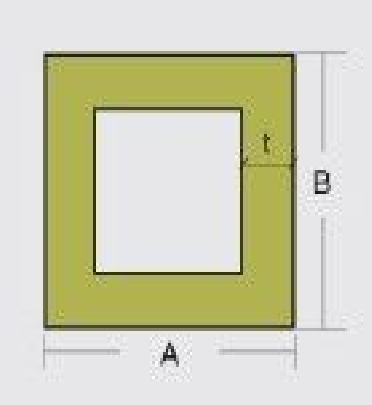
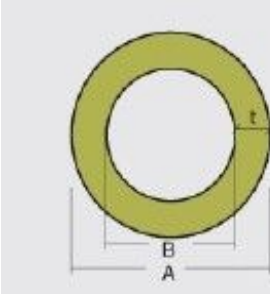
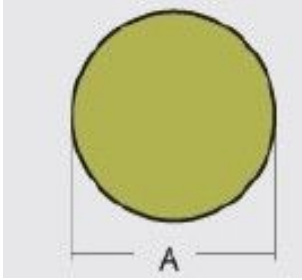
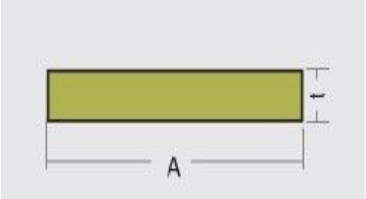
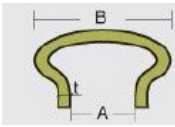
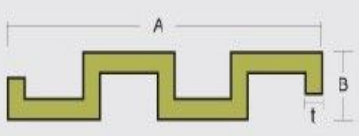
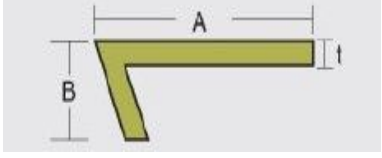
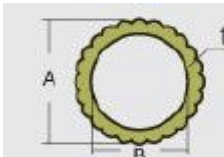


# GRP Pultruded Profile Catalogue

Anglia Composites Ltd - Unit 5 Stour Valley Business Centre - Brundon Lane  
 Sudbury - Suffolk CO10 7GB Tel: 01787 377 322 Fax: 01787 377 433  
 Email: info@angliacomposites.co.uk Web: www.angliacomposites.co.uk

Name	Part No.	Size A X B X t mm	Weight kg/m	
I Beam	I25	25 x 15 x 6.4	0.40	
	I38	38 x 15 x 6.4	0.60	
	I100	100 x 60 x 6.5	2.45	
	I150	152 x 76 x 8	4.70	
	I200	200 x 100 x 10	7.00	
	I250	250 x 152 x 12	9.60	
	I300	300 x 150 x 12	16.50	
C Channel	C44	44 x 20 x 3	0.45	
	C50	50 x 30 x 5	0.98	
	C70	70 x 30 x 5	1.20	
	C76A	76 x 25 x 5	1.06	
	C76B	76 x 35 x 5	1.32	
	C100	100 x 50 x 6	2.26	
	C120	120 x 40 x 5	1.68	
	C150	150 x 50 x 6	2.89	
	C200A	200 x 44 x 8	4.40	
	C200B	200 x 60 x 8	4.86	
	C250	250 x 68 x 12	9.30	
Equal Angle	L30	38 X 38 X 5	0.68	
	L50A	50 X 50 X 5	0.95	
	L50B	50 X 50 X 6.35	1.20	
	L60	60 X 60 X 8	1.80	
	L76A	76 X 76 X 6.35	1.85	
	L76B	76 X 76 X 8	2.31	
	L76C	76 X 76 X 10	2.85	
	L100	100 X 100 X 10	3.80	
	L150	150 X 150 X 10	5.80	

Name	Part No.	Size A X B X t mm	Weight kg/m	
Unequal Angle	LT30	30 X 70 X 3	0.54	
	LT43	43 X 40 X 5	0.75	
	LT50	50 X 25 X 3	0.48	
	LT75	75 X 25 X 3	0.63	
	LT100	100 X 25 X 3	0.78	
	LT250	250 X 40 X 3	1.74	
	LT300	300 X 40 X 3	2.1	
	LT350	350 X 40 X 3	2.35	
	LT400	400 X 40 X 3	2.66	
Square Tube	ST25	25 X 25 X 3	0.53	
	ST32	32 X 32 X 5	1.02	
	ST38	38 X 38 X 5	1.32	
	ST44	44 X 44 X 6	1.82	
	ST51A	51 X 51 X 5	1.80	
	ST51B	51 X 51 X 6.35	2.60	
	ST60	60 X 60 X 5	2.20	
	ST76	76 X 76 X 10	5.47	
	ST100	100 X 100 X 6.35	4.75	
	ST125	125 X 125 X 10	9.20	
	ST210	210 X 110 X 5	6.20	
Round Tube	RT18	18 X 11 X 3.5	0.45	
	RT25	25 X 19 X 3	0.40	
	RT38A	38 X 32 X 3	0.72	
	RT38B	38 X 25 X 6.35	1.52	
	RT50A	50 X 43 X 3.5	1.10	
	RT50B	50 X 42 X 4	1.31	
Solid Rod	S8	8	0.10	
	S10	10	0.16	
	S11	11	0.36	
	S12	12	0.23	
	S16	16	0.42	
	S18	18	0.52	

Name	Part No.	Size A X B X t mm	Weight kg/m	
Flat Bar	FS20	20 X 3	0.11	
	FS32	32 X 8	0.48	
	FS50	50 X 3	0.30	
	FS80	80 X 3	0.50	
	FS100	100 X 8	1.60	
	FS150	150 X 8	2.40	
	FS400A	400 X 6	4.86	
	FS400B	400 X 8	6.45	
	FS400C	400 X 10	8.10	
Handrail	H50	50 X 68 X 5	1.45	
	H60	60 X 76 X 5	1.59	
Kickplate	KP100	100 X 12 X 3	0.85	
	KP150	150 X 12 X 3	1.25	
Hook Board	G70	70 X 30 X 3	0.62	
	G55	55 X 55 X 4	0.76	
Ladder Rung	RC36	36 X 27 X 4.5	0.80	
	RC42	42 X 32 X 5	1.10	

Advantage of GRP pultruded profile:

Corrosion Resistant, Fire Retardant, Impact Resistant, High Strength, Non-Magnetic, Non-Conductive, Non-sparking, Light weight, Easy to Install, Easy to Maintain



# GRP Pultruded Profile Test Report

No.	Test Project Name	Unit	Test Result	Standard
1	Tensile Strength	Mpa	424	GB/T1447-2005
2	Tensile Modulus	Gpa	34.8	
3	Poisson's Ratio	—	0.24	
4	Flexural Strength	Mpa	520	GB/T1449-2005
5	Flexural Modulus	Gpa	22.0	
6	Compressive Strength	Mpa	177	GB/T1448-2005
7	Compressive Modulus	Gpa	11.6	
8	Impact Toughness	Kj/m <sup>2</sup>	370	GB/T1451-2005
9	HDT 1.80MPa	°C	>200	GB/T1634.2-2005
10	35°C~100°C(CTE)	/°C	5.71X10 <sup>-6</sup>	GB/T2572-2005