

Composites USA, Inc. - FRP Fitting Standards

Fitting Style No. 146

Product Class: DG

Order as: #146 - "D"

#146 FxP - "D" for flange by plain end

#146 FxF - "D" for flange by flange end

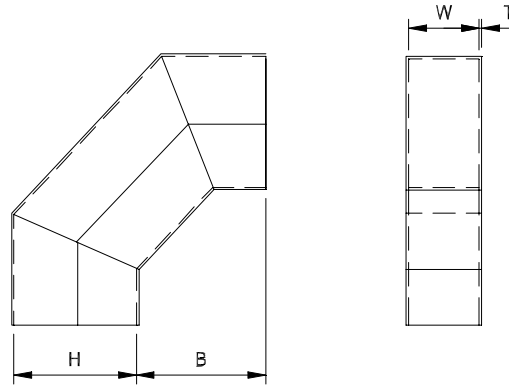
Resin Type: Dual Guard

Project Identification: Standard

Corrosion Allowance: 0.000

Note: Thickness may vary dependent upon rib location

90° S.R. 3-GORE HARD BEND RECTANGULAR ELBOW



Height "H"	Width "W"	Thickness, "T"		Center-Line Radius "A"	Throat Radius "B"
inches	inches	inches	mm	inches	inches
1	$\leq H$	0.150	4	"H"	0.5 x "H"
1 1/2	$\leq H$	0.150	4	"H"	0.5 x "H"
2	$\leq H$	0.150	4	"H"	0.5 x "H"
2 1/2	$\leq H$	0.150	4	"H"	0.5 x "H"
3	$\leq H$	0.150	4	"H"	0.5 x "H"
4	$\leq H$	0.150	4	"H"	0.5 x "H"
5	$\leq H$	0.150	4	"H"	0.5 x "H"
6	$\leq H$	0.150	4	"H"	0.5 x "H"
7	$\leq H$	0.150	4	"H"	0.5 x "H"
8	$\leq H$	0.150	4	"H"	0.5 x "H"
9	$\leq H$	0.150	4	"H"	0.5 x "H"
10	$\leq H$	0.150	4	"H"	0.5 x "H"
12	$\leq H$	0.150	4	"H"	0.5 x "H"
14	$\leq H$	0.150	4	"H"	0.5 x "H"
16	$\leq H$	0.150	4	"H"	0.5 x "H"
18	$\leq H$	0.150	4	"H"	0.5 x "H"
20	$\leq H$	0.150	4	"H"	0.5 x "H"
22	$\leq H$	0.150	4	"H"	0.5 x "H"
24	$\leq H$	0.190	5	"H"	0.5 x "H"
26	$\leq H$	0.190	5	"H"	0.5 x "H"
28	$\leq H$	0.190	5	"H"	0.5 x "H"
30	$\leq H$	0.190	5	"H"	0.5 x "H"
32	$\leq H$	0.190	5	"H"	0.5 x "H"
34	$\leq H$	0.190	5	"H"	0.5 x "H"
36	$\leq H$	0.190	5	"H"	0.5 x "H"
42	$\leq H$	0.260	7	"H"	0.5 x "H"
48	$\leq H$	0.260	7	"H"	0.5 x "H"
54	$\leq H$	0.260	7	"H"	0.5 x "H"
60	$\leq H$	0.260	7	"H"	0.5 x "H"
66	$\leq H$	0.260	7	"H"	0.5 x "H"
72	$\leq H$	0.313	8	"H"	0.5 x "H"
78	$\leq H$	0.350	9	"H"	0.5 x "H"
84	$\leq H$	0.350	9	"H"	0.5 x "H"
90	$\leq H$	0.375	10	"H"	0.5 x "H"
96	$\leq H$	0.375	10	"H"	0.5 x "H"
102	$\leq H$	0.375	10	"H"	0.5 x "H"
108	$\leq H$	0.375	10	"H"	0.5 x "H"
114	$\leq H$	0.375	10	"H"	0.5 x "H"
120	$\leq H$	0.375	10	"H"	0.5 x "H"
126	$\leq H$	0.375	10	"H"	0.5 x "H"
132	$\leq H$	0.375	10	"H"	0.5 x "H"
138	$\leq H$	0.375	10	"H"	0.5 x "H"
144	$\leq H$	0.375	10	"H"	0.5 x "H"
156	$\leq H$	0.375	10	"H"	0.5 x "H"
168	$\leq H$	0.375	10	"H"	0.5 x "H"
180	$\leq H$	0.375	10	"H"	0.5 x "H"

Composites USA

One Peninsula Drive, North East, MD USA 21901
1-410-287-2700 Fax: 1-410-287-5222 info@compositesusa.com