



Industrial Fiberglass Specialties, Inc.

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Industrial Fiberglass Specialties Joint Labor Estimate
Labor Hours Based on Factory Joining Conditions
Series 5000 FW FRP Vinylester Bell & Spigot Aligned Joints (Fig #99-A)
25 April 2000 - Revision #1 (TRM)

Item	Diameter	Labor Hours per Joint	Labor Minutes per Joint
Bell & Spigot Ahesive Joints	3/8"	.26	16
	1/2"	.26	16
	3/4"	.26	16
	1"	.26	16
	1-1/4"	.26	16
	1-1/2"	.26	16
	2"	.29	18
	2-1/2"	.31	19
	3"	.31	19
	4"	.36	22
	5"	.45	27
	6"	.45	27
	8"	.60	36
	10"	.75	45
	12"	1.01	61
	14"	1.72	103
	16"	2.06	124
	18"	2.58	155
	20"	3.09	185
	24"	3.43	206
	30"	4.87	293
	36"	5.85	351
	42"	6.82	409
