

13 31 Fabric Structures

13 31 13 – Air-Supported Fabric Structures

13 31 13.13 Single-Walled Air-Supported Structures		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0070	airlock, personnel doors and liner									
0100	5,000 S.F.	4 Clab	5000	.006	SF Flr.	29	.29		29.29	32.50
0250	12,000 S.F.	"	6000	.005		19.80	.24		20.04	22.50
0400	24,000 S.F.	8 Clab	12000	.005		14.65	.24		14.89	16.45
0500	50,000 S.F.	"	12500	.005	↓	12.90	.23		13.13	14.5
0700	12 oz. reinforced vinyl fabric, 5 yr. life, sewn seams,									
0710	accordion door, including liner									
0750	3,000 S.F.	4 Clab	3000	.011	SF Flr.	14.35	.49		14.84	16.50
0800	12,000 S.F.	"	6000	.005		12.20	.24		12.44	13.80
0850	24,000 S.F.	8 Clab	12000	.005		10.35	.24		10.59	11.75
0950	Deduct for single layer					1.17			1.17	1.29
1000	Add for welded seams					1.62			1.62	1.78
1050	Add for double layer, welded seams included				↓	3.25			3.25	3.58
1250	Tedlar/vinyl fabric, 28 oz., with liner, over 10 yr. life,									
1260	incl. overhead and personnel doors									
1300	3,000 S.F.	4 Clab	3000	.011	SF Flr.	27	.49		27.49	30
1450	12,000 S.F.	"	6000	.005		18.30	.24		18.54	20.50
1550	24,000 S.F.	8 Clab	12000	.005	↓	14.65	.24		14.89	16.45
1700	Deduct for single layer				SF Flr.	2.16			2.16	2.38
2250	Greenhouse/shelter, woven polyethylene with liner, 2 yr. life,									
2260	sewn seams, including doors									
2300	3,000 S.F.	4 Clab	3000	.011	SF Flr.	17.40	.49		17.89	19.85
2350	12,000 S.F.	"	6000	.005		15.20	.24		15.44	17.05
2450	24,000 S.F.	8 Clab	12000	.005		13.05	.24		13.29	14.70
2550	Deduct for single layer				↓	1.07			1.07	1.18
2600	Tennis/gymnasium, polyester/vinyl fabric, 28 oz., over 10 yr. life,									
2610	including thermal liner, heat and lights									
2650	7,200 S.F.	4 Clab	6000	.005	SF Flr.	25	.24		25.24	28
2750	13,000 S.F.	"	6500	.005		19.80	.22		20.02	22.50
2850	Over 24,000 S.F.	8 Clab	12000	.005	↓	18.10	.24		18.34	20.50
2860	For low temperature conditions, add				↓	1.29			1.29	1.42
2870	For average shipping charges, add				Total	6,050			6,050	6,650
2900	Thermal liner, translucent reinforced vinyl				SF Flr.	1.29			1.29	1.42
2950	Metalized mylar fabric and mesh, double liner				"	2.57			2.57	2.83
3050	Stadium/convention center, teflon coated fiberglass, heavy weight,									
3060	over 20 yr. life, incl. thermal liner and heating system									
3100	Minimum	9 Clab	26000	.003	SF Flr.	63	.13		63.13	69.50
3110	Maximum	"	19000	.004	"	78	.17		78.17	86.50
3400	Doors, air lock, 15' long, 10' x 10'	2 Carp	.80	20	Ea.	22,100	1,125		23,225	26,100
3600	15' x 15'	"	.50	32		34,800	1,800		36,600	41,000
3700	For each added 5' length, add					6,200			6,200	6,825
3900	Revolving personnel door, 6' diameter, 6'-6" high	2 Carp	.80	20	↓	17,400	1,125		18,525	20,800

13 31 23 – Tensioned Fabric Structures

13 31 23.50 Tension Structures

0010	TENSION STRUCTURES Rigid steel/alum. frame, vinyl coated poly									
0100	Fabric shell, 60' clear span, not incl. foundations or floors									
0200	6,000 S.F.	B-41	1000	.044	SF Flr.	18.55	2.07	.32	20.94	24
0300	12,000 S.F.		1100	.040		22	1.89	.29	24.18	27.50
0400	80' to 99' clear span, 20,800 S.F.	↓	1220	.036		20.50	1.70	.26	22.46	25.50
0410	100' to 119' clear span, 10,000 S.F.	L-5	2175	.026		18.40	1.61	.96	20.97	24
0430	26,000 S.F.		2300	.024		17.05	1.52	.91	19.48	22
0450	36,000 S.F.	↓	2500	.022	↓	17.35	1.40	.84	19.59	22