

## Sleeved Sheeting Rails

Span	Section	Weight (kg/m)	Allowable Working Loads (Total load in kN)					
			Wind Pressure Total UDL(kN)	Wind Suction			Deflection Controlled	
				0 Rows	1 Row	2 Rows	(L/100)	(L/150)
3.5	140/14	3.06	12.80	10.24	12.80		26.91	17.94
	140/16	3.48	15.22	12.18	15.22		30.54	20.36
	170/15	3.62	17.16	13.73	17.16		45.25	30.16
4.0	140/14	3.06	11.20	8.96	11.20		20.60	13.74
	140/16	3.48	13.32	10.66	13.32		23.38	15.59
	170/15	3.62	15.02	12.01	15.02		34.64	23.09
	170/16	3.86	16.46	13.17	16.46		36.83	24.55
4.5	140/14	3.06	9.95	7.91	9.95		16.28	10.85
	140/16	3.48	11.84	8.95	11.84		18.47	12.31
	170/15	3.62	13.35	10.22	13.35		27.37	18.25
	170/16	3.86	14.63	10.92	14.63		29.10	19.40
5.0	140/14	3.06	8.96	6.07	8.96		13.19	8.79
	140/16	3.48	10.66	6.87	10.66		14.96	9.97
	170/15	3.62	12.01	7.78	12.01		22.17	14.78
	170/16	3.86	13.17	8.32	13.17		23.57	15.71
	170/18	4.33	15.39	9.34	15.39		26.35	17.56
	200/16	4.48	16.64	13.31	16.64		38.10	25.40
5.5	140/14	3.06	8.14	4.70	8.14		10.90	7.27
	140/16	3.48	9.69	5.33	9.69		12.37	8.24
	170/15	3.62	10.92	6.01	10.92		18.32	12.22
	170/16	3.86	11.97	6.42	11.97		19.48	12.99
	170/18	4.33	13.99	7.21	13.99		21.77	14.52
	200/16	4.48	15.13	10.87	15.13		31.49	20.99
	200/18	5.03	18.05	12.29	18.05		35.23	23.49
6.0	140/16	3.48	8.88	4.19	8.88		10.39	6.93
	170/15	3.62	10.01	4.71	10.01		15.40	10.26
	170/16	3.86	10.97	5.04	10.97		16.37	10.91
	170/18	4.33	12.83	5.67	12.57		18.30	12.20
	200/16	4.48	13.87	8.61	13.87		26.46	17.64
	200/18	5.03	16.55	9.74	16.55		29.60	19.74
	200/20	5.58	19.18	10.85	19.18		32.71	21.81
6.5	140/16	3.48	8.20		7.79	7.79	8.85	5.90
	170/15	3.62	9.24		9.02	9.02	13.12	8.75
	170/16	3.86	10.13		9.64	9.64	13.95	9.30
	170/18	4.33	11.84		10.82	10.82	15.59	10.39
	200/16	4.48	12.80		12.80	12.80	22.55	15.03
	200/18	5.03	15.27		15.27	15.27	25.22	16.82
	200/20	5.58	17.70		17.70	17.70	27.87	18.58
	240/18	5.77	18.79		18.79	18.79	40.62	27.08
7.0	170/15	3.62	8.58		7.66	7.66	11.31	7.54
	170/16	3.86	9.41		8.19	8.19	12.03	8.02
	170/18	4.33	11.00		9.19	9.19	13.44	8.96
	200/16	4.48	11.89		11.89	11.89	19.44	12.96
	200/18	5.03	14.18		14.18	14.18	21.75	14.50
	200/20	5.58	16.44		16.13	16.13	24.03	16.02
7.5	240/18	5.77	17.45		17.45	17.45	35.02	23.35
	170/15	3.62	8.01		6.47	6.47	9.85	6.57
	170/16	3.86	8.78		6.92	6.92	10.48	6.98
	170/18	4.33	10.26		7.76	7.76	11.71	7.81
	200/16	4.48	11.10		11.10	11.10	16.94	11.29
	200/18	5.03	13.24		12.65	12.65	18.95	12.63
	200/20	5.58	15.34		14.09	14.09	20.93	13.96
240/18	5.77	16.28		16.28	16.28	30.51	20.34	

Sleeved Sheeting Rails

Span	Section	Weight (kg/m)	Allowable Working Loads (Total load in kN)					
			Wind Pressure	Wind Suction			Deflection Controlled	
			Total UDL(kN)	0 Rows	1 Row	2 Rows	(L/100)	(L/150)
8.0	200/16	4.48	10.40			9.29	14.88	9.92
	200/18	5.03	12.41			10.50	16.65	11.10
	200/20	5.58	14.38			11.70	18.40	12.27
	240/18	5.77	15.26			14.45	26.82	17.88
	240/20	6.39	17.87			16.16	29.65	19.77
	240/25	7.94	24.25			20.20	36.61	24.40
8.5	200/16	4.48	9.79			8.06	13.19	8.79
	200/18	5.03	11.68			9.12	14.75	9.83
	200/20	5.58	13.54			10.15	16.30	10.86
	240/18	5.77	14.37			12.66	23.75	15.84
	240/20	6.39	16.82			14.15	26.26	17.51
	240/25	7.94	22.82			17.68	32.43	21.62
	240/30	9.47	28.43			20.80	38.43	25.62
9.0	200/16	4.48	9.25			6.99	11.76	7.84
	200/18	5.03	11.03			7.90	13.16	8.77
	200/20	5.58	12.78			8.80	14.54	9.69
	240/18	5.77	13.57			11.06	21.19	14.13
	240/20	6.39	15.89			12.36	23.43	15.62
	240/25	7.94	21.55			15.43	28.92	19.28
	240/30	9.47	26.85			18.15	34.28	22.85
	300/25	10.02	31.28			31.28	57.76	38.51
	300/30	11.97	40.42			37.89	68.63	45.75

Span	Section	Weight (kg/m)	Allowable Working Loads (Total load in kN)					
			Wind Pressure	Wind Suction			Deflection Controlled	
			Total UDL(kN)	1 Row	2 Rows	3 Rows	(L/100)	(L/150)
9.5	200/20	5.58	12.11		7.65	10.48	13.05	8.70
	240/18	5.77	12.85		9.65	12.82	19.02	12.68
	240/20	6.39	15.05		10.78	14.34	21.03	14.02
	240/25	7.94	20.42		13.47	17.94	25.96	17.31
	240/30	9.47	25.44		15.85	21.14	30.77	20.51
	300/25	10.02	29.64		28.56	29.64	51.84	34.56
	300/30	11.97	38.30		34.45	38.30	61.60	41.06
10.0	240/18	5.77	12.21		8.44	11.60	17.16	11.44
	240/20	6.39	14.30		9.43	12.96	18.98	12.65
	240/25	7.94	19.40		11.78	16.21	23.43	15.62
	240/30	9.47	24.17		13.87	19.08	27.77	18.51
	300/25	10.02	28.16		25.86	28.16	46.78	31.19
	300/30	11.97	36.38		31.17	36.25	55.59	37.06
10.5	300/25	10.02	26.81			26.81	42.43	28.29
	300/30	11.97	34.65			33.82	50.42	33.62
11.0	300/25	10.02	25.60			25.60	38.66	25.78
	300/30	11.97	33.07			31.50	45.94	30.63
11.5	300/25	10.02	24.48			24.25	35.38	23.58
	300/30	11.97	31.64			29.26	42.03	28.02
12.0	300/25	10.02	23.46			22.47	32.49	21.66
	300/30	11.97	30.32			27.10	38.60	25.74
12.5	300/25	10.02	22.52			20.75	29.94	19.96
	300/30	11.97	29.10			25.01	35.58	23.72



Butted Sheeting Rails

Span	Section	Weight (kg/m)	Allowable Working Loads (Total load in kN)					
			Wind Pressure	Wind Suction			Deflection Controlled	
			Total UDL(kN)	0 Rows	1 Row	2 Rows	(L/100)	(L/150)
3.5	140/14	3.06	9.24	7.39	9.24	9.24	16.16	10.77
	140/16	3.48	10.99	8.80	10.99	10.99	18.33	12.22
	170/15	3.62	12.56	10.05	12.56	12.56	27.16	18.11
4.0	140/14	3.06	8.09	6.47	8.09	8.09	12.37	8.25
	140/16	3.48	9.62	7.70	9.62	9.62	14.03	9.36
	170/15	3.62	10.99	8.80	10.99	10.99	20.80	13.86
	170/16	3.86	11.97	9.58	11.97	11.97	22.11	14.74
4.5	140/14	3.06	7.19	5.71	7.19	7.19	9.77	6.52
	140/16	3.48	8.55	6.46	8.55	8.55	11.09	7.39
	170/15	3.62	9.77	7.48	9.77	9.77	16.43	10.95
	170/16	3.86	10.64	7.94	10.64	10.64	17.47	11.65
5.0	140/14	3.06	6.47	4.38	6.47	6.47	7.92	5.28
	140/16	3.48	7.70	4.96	7.70	7.70	8.98	5.99
	170/15	3.62	8.80	5.70	8.80	8.80	13.31	8.87
	170/16	3.86	9.58	6.05	9.58	9.58	14.15	9.43
	170/18	4.33	11.12	6.74	11.12	11.12	15.82	10.54
	200/16	4.48	12.32	9.86	12.32	12.32	22.88	15.25
	200/18	5.03	14.50	11.42	14.50	14.50	25.59	17.06
5.5	140/14	3.06	5.88	3.39	5.88	5.88	6.54	4.36
	140/16	3.48	7.00	3.85	7.00	7.00	7.42	4.95
	170/15	3.62	8.00	4.40	8.00	8.00	11.00	7.33
	170/16	3.86	8.70	4.67	8.70	8.70	11.70	7.80
	170/18	4.33	10.11	5.21	10.03	10.03	13.07	8.71
	200/16	4.48	11.20	8.05	11.20	11.20	18.91	12.60
	200/18	5.03	13.18	8.98	13.18	13.18	21.15	14.10
	200/20	5.58	15.11	9.89	15.11	15.11	23.37	15.58
6.0	240/18	5.77	16.59	12.89	16.59	16.59	34.06	22.71
	170/15	3.62	7.33	3.45	7.23	7.23	9.24	6.16
	170/16	3.86	7.98	3.67	7.68	7.68	9.83	6.55
	170/18	4.33	9.26	4.09	8.56	8.56	10.98	7.32
	200/16	4.48	10.27	6.38	10.27	10.27	15.89	10.59
	200/18	5.03	12.08	7.11	12.08	12.08	17.77	11.85
	200/20	5.58	13.85	7.84	13.85	13.85	19.64	13.09
	240/18	5.77	15.21	10.28	15.21	15.21	28.62	19.08
6.5	240/20	6.39	17.56	11.32	17.56	17.56	31.64	21.10
	170/15	3.62	6.77		6.08	6.08	7.88	5.25
	170/16	3.86	7.37		6.46	6.46	8.37	5.58
	170/18	4.33	8.55		7.19	7.19	9.36	6.24
	200/16	4.48	9.48		9.48	9.48	13.54	9.02
	200/18	5.03	11.15		11.15	11.15	15.14	10.10
	200/20	5.58	12.78		12.59	12.59	16.73	11.15
	240/18	5.77	14.04		14.04	14.04	24.39	16.26
7.0	240/20	6.39	16.21		16.21	16.21	26.96	17.97
	170/15	3.62	6.28		5.07	5.07	6.79	4.53
	170/16	3.86	6.84		5.39	5.39	7.22	4.81
	170/18	4.33	7.94		6.01	6.01	8.07	5.38
	200/16	4.48	8.80		8.80	8.80	11.67	7.78
	200/18	5.03	10.36		9.90	9.90	13.06	8.70
	200/20	5.58	11.87		10.90	10.90	14.43	9.62
	240/18	5.77	13.03		13.03	13.03	21.03	14.02
7.0	240/20	6.39	15.05		15.05	15.05	23.25	15.50
	240/25	7.94	20.01		18.65	18.65	28.70	19.14

## Butted Sheeting Rails

Span	Section	Weight (kg/m)	Allowable Working Loads (Total load in kN)					
			Wind Pressure	Wind Suction			Deflection Controlled	
			Total UDL(kN)	0 Rows	1 Row	2 Rows	(L/100)	(L/150)
7.5	170/15	3.62	5.86		4.24	4.24	5.92	3.94
	170/16	3.86	6.29		4.50	4.50	6.29	4.19
	170/18	4.33	7.03		5.02	5.02	7.03	4.69
	200/16	4.48	8.22		7.60	7.60	10.17	6.78
	200/18	5.03	9.67		8.48	8.48	11.37	7.58
	200/20	5.58	11.08		9.34	9.34	12.57	8.38
	240/18	5.77	12.16		11.97	11.97	18.32	12.21
8.0	240/20	6.39	14.04		13.20	13.20	20.25	13.50
	240/25	7.94	18.68		16.17	16.17	25.00	16.67
	200/16	4.48	7.70		6.48	6.48	8.94	5.96
	200/18	5.03	9.06		7.23	7.23	10.00	6.66
	200/20	5.58	10.39		7.97	7.97	11.04	7.36
	240/18	5.77	11.40		10.31	10.31	16.10	10.73
	240/20	6.39	13.17		11.36	11.36	17.80	11.87
8.5	240/25	7.94	17.51		13.93	13.93	21.98	14.65
	240/30	9.47	21.81		16.40	16.40	26.04	17.36
	200/16	4.48	7.25		5.53	5.53	7.92	5.28
	200/18	5.03	8.53		6.17	6.17	8.86	5.90
	200/20	5.58	9.78		6.81	6.81	9.78	6.52
	240/18	5.77	10.73		8.86	8.86	14.26	9.51
	240/20	6.39	12.39		9.76	9.76	15.77	10.51
9.0	240/25	7.94	16.48		11.97	11.97	19.47	12.98
	240/30	9.47	20.53		14.11	14.11	23.07	15.38
	300/25	10.02	24.40		24.40	24.40	38.87	25.92
	240/18	5.77	10.14		7.62	7.62	12.72	8.48
	240/20	6.39	11.70		8.40	8.40	14.06	9.38
	240/25	7.94	15.56		10.32	10.32	17.36	11.58
	240/30	9.47	19.39		12.18	12.18	20.58	13.72
	300/25	10.02	23.05		23.04	23.04	34.67	23.12

Span	Section	Weight (kg/m)	Allowable Working Loads (Total load in kN)					
			Wind Pressure	Wind Suction			Deflection Controlled	
			Total UDL(kN)	1 Rows	2 Row	3 Rows	(L/100)	(L/150)
9.5	240/18	5.77	9.60		6.53	9.58	11.42	7.61
	240/20	6.39	11.09		7.20	10.56	12.62	8.41
	240/25	7.94	14.74		8.82	12.96	15.58	10.39
	240/30	9.47	18.37		10.38	15.26	18.47	12.31
	300/25	10.02	21.83		19.86	21.83	31.12	20.75
10.0	240/25	7.94	14.01		7.68	11.71	14.06	9.38
	240/30	9.47	16.67		9.05	13.78	16.67	11.11
	300/25	10.02	20.74		17.77	20.74	28.09	18.72
	300/30	11.97	26.27		20.99	26.18	33.37	22.25
10.5	300/25	10.02	19.75			19.75	25.47	16.98
	300/30	11.97	25.02			24.42	30.27	20.18
11.0	300/25	10.02	18.86			18.86	23.21	15.47
	300/30	11.97	23.88			22.75	27.58	18.39



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