

STRUCTURAL PROPERTIES

Total Nominal Thickness (inch)	Core Nominal Thickness (inch)	Moment of Inertia (in-4)	Moment Resistance		Support Reaction Resistance	
			Mid-Span (in-lb)	Support (in-lb)	End (lb)	Interior (lb)
.018	.016	.0362	656	553	137	242
.026	.024	.0472	838	720	209	411

UNIFORMLY DISTRIBUTED LOADS (pounds/square foot)

Span Condition	Span (inches)	28 Gauge (.018")		24 Gauge (.026")	
		B	D	B	D
SINGLE	12	224	2109	417	3092
	18	150	625	248	916
	24	98	264	140	386
	30	63	135	89	198
	36	43	78	62	115
	42	32	49	46	72
	48	24	33	35	48
	54	19	23	28	34
DOUBLE	12	152	5061	329	7420
	18	101	1500	213	2198
	24	76	633	120	927
	30	52	324	77	475
	36	36	187	53	275
	42	27	118	39	173
	48	20	79	30	116
	54	16	56	24	81
TRIPLE	12	171	3986	370	5843
	18	114	1181	247	1731
	24	85	498	150	730
	30	65	255	96	374
	36	45	148	67	216
	42	33	93	49	136
	48	26	62	37	91
	54	20	44	30	64