



# Equipment Rails

Technical Product Information

RPS Equipment Rail Loading Information  
 Data below is compiled with engineered internal reinforcing structurally incorporated

STYLE	WIDTH x HEIGHT	MAXIMUM ALLOWABLE CONCENTRATED LOAD (Pounds)	MAXIMUM ALLOWABLE END REACTION (Pounds)	MAXIMUM ALLOWABLE INTERMEDIATE REACTION (Pounds)	MAXIMUM ALLOWABLE UNIFORM LOAD (Pounds per Foot)
<b>18 GAUGE- 8" ABOVE ROOF LINE</b>					
ER-2	3-1/2" x 11"	3000	3300	3000	860
ER-3	3-1/2" x 8"	1450	1700	1450	450
ER-4	3-1/2" x 9-1/2"	1800	2200	1800	550
<b>18 GAUGE- 12" ABOVE ROOF LINE</b>					
ER-2	5-1/2" x 15"	4250	4000	4250	1200
ER-3	5-1/2" x 12"	2500	3125	2500	550
ER-4	5-1/2" x 13-1/2"	3200	3800	3200	680
<b>18 GAUGE- 16" ABOVE ROOF LINE</b>					
ER-2	7-1/2" x 19"	4700	3800	4700	2300
ER-3	7-1/2" x 16"	2000	2400	2000	550
ER-4	7-1/2" x 17-1/2"	2500	3100	2500	725
<b>14 GAUGE- 8" ABOVE ROOF LINE</b>					
ER-2	3-1/2" x 11"	5300	5800	5300	1400
ER-3	3-1/2" x 8"	2500	3100	2500	725
ER-4	3-1/2" x 9-1/2"	3200	3800	3200	925
<b>14 GAUGE- 12" ABOVE ROOF LINE</b>					
ER-2	5-1/2" x 15"	7300	6900	7300	1900
ER-3	5-1/2" x 12"	4350	5500	4350	925
ER-4	5-1/2" x 13-1/2"	5500	6800	5500	1200
<b>14 GAUGE- 16" ABOVE ROOF LINE</b>					
ER-2	7-1/2" x 19"	7500	6700	7500	3300
ER-3	7-1/2" x 16"	3500	4250	3500	925
ER-4	7-1/2" x 17-1/2"	4400	5450	4400	1200

(\*All concentrated loads are based on a minimum bearing surface of 4" by the width of the support.) A minimum bearing width of 4" for all concentrated loads and reactions, with a minimum of 2 feet. A factor of 2 or greater is reflected by the recommended allowable loads.

The information above is recommended weight loading information by Roof Products & Systems

[ER-2A & B STYLE](#) [ER- 3A & B STYLE](#) [ER-4A & B STYLE](#)

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All information is subject to change without notice. Dimensions and specifications shown are within manufacturing tolerances.  
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