

TABLA DE CARGAS PERMISIBLES PARA REJILLAS ELECTROFORJADAS Y/O ELECTROSOLDADAS

Esta tabla es solamente para IS-05 e IS-06

Platina de Carga	Claro máximo con carga humana			CLARO EN METROS										
	Rejilla lisa	Rejilla dentada		0.5	0.75	1.0	1.25	1.50	1.75	2.0	2.25	2.50	2.75	3.0
3.2 x 19.1 mm (1/8" x 3/4")	1.06m		U FU C FC	2627 1.7 657 1.4	1167 3.8 438 3.0	657 6.8 328 5.4	420 10.5 263 8.5	293 15.2 219 12.2	214 20.8 188 16.6	164 27.1 164 21.7				
4.8 x 19.1 mm (3/16" x 3/4")	1.16m		U FU C FC	3943 1.7 986 1.4	1753 3.8 657 3.0	986 6.8 493 5.4	631 10.5 394 8.5	438 15.2 329 12.2	323 20.8 283 16.6	246 27.1 246 21.7				
3.2 x 25.4 mm (1/8" x 1")	1.32m	1.06m	U FU C FC	4699 1.2 1175 1.0	2088 2.8 783 2.3	1174 5.0 587 4.0	752 7.8 470 6.3	522 11.4 392 9.1	384 15.5 336 12.5	294 20.2 294 16.2	232 25.6 261 20.6			
4.8 x 25.4 mm (3/16" x 1")	1.45m	1.16m	U FU C FC	7047 1.2 1762 1.0	3132 2.8 1175 2.3	1757 5.0 879 4.0	1128 7.8 705 6.3	783 11.4 587 9.1	575 15.5 503 12.5	440 20.2 440 16.2	348 25.6 392 20.6			
3.2 x 31.8 mm (1/8" x 1-1/4")	1.55m	1.32m	U FU C FC	7341 1.0 1835 0.8	3262 2.3 1224 1.8	1835 4.0 918 3.2	1175 6.3 734 5.0	816 9.1 612 7.3	599 12.4 524 9.9	459 16.2 459 13.0	362 20.5 408 16.4	294 25.2 367 20.3		
4.8 x 31.8 mm (3/16" x 1-1/4")	1.70m	1.45m	U FU C FC	11006 1.0 2751 0.8	4892 2.3 1834 1.8	2752 4.0 1376 3.2	1761 6.3 1101 5.0	1223 9.1 917 7.3	899 12.4 786 9.9	688 16.2 688 13.0	544 20.5 612 16.4	440 25.2 550 20.3		
3.2 x 38.1 mm (1/8" x 1-1/2")	1.78m	1.55m	U FU C FC	10555 0.8 2639 0.6	4691 1.9 1759 1.5	2639 3.4 1319 2.7	1689 5.2 1056 4.2	1173 7.6 880 6.1	862 10.3 754 8.3	660 13.5 660 10.8	521 17.0 586 13.7	420 21.0 529 16.9	346 25.4 481 20.5	
4.8 x 38.1 mm (3/16" x 1-1/2")	1.96m	1.70m	U FU C FC	15848 0.8 3962 0.6	7043 1.9 2641 1.5	3962 3.4 1980 2.7	2535 5.8 1585 4.2	1760 7.6 1320 6.1	1294 10.3 1132 8.3	990 13.5 990 10.8	783 17.0 880 13.7	634 21.0 792 16.9	524 25.4 720 20.5	
4.8 x 44.4 mm (3/16" x 1-3/4")	2.21m	1.96m	U FU C FC	21524 0.7 5381 0.5	9566 1.6 3587 1.3	5381 2.9 2690 2.3	3444 4.5 2152 3.6	2391 6.5 1794 5.2	1757 8.9 1537 7.1	1345 11.6 1345 9.3	1063 14.6 1196 11.7	861 18.0 1076 14.5	712 21.8 978 17.6	598 26.0 897 20.6
4.8 x 50.8 mm (3/16" x 2")	2.44m	2.21m	U FU C FC	28174 0.6 7043 0.61	12522 1.4 4696 1.1	7043 2.5 3521 2.1	4508 3.9 2817 3.1	3130 5.7 2347 4.6	2299 7.7 2012 6.2	1760 10.1 1760 8.1	1391 12.8 1565 10.3	1127 15.8 1408 12.7	931 19.1 1280 15.4	777 22.7 1154 18.0
4.8 x 57.2 mm (3/16" x 2-1/4")	2.67m	2.44m	U FU C FC	35658 0.5 8915 0.5	15848 1.2 5943 1.0	8914 2.1 4457 1.8	5705 3.5 3565 2.8	3962 5.1 2971 4.2	2911 6.9 2547 5.5	2228 9.1 2228 7.3	1761 11.5 1981 10.2	1426 14.2 1782 11.4	1178 17.2 1620 13.8	990 20.4 1485 16.2
4.8 x 63.5 mm (3/16" x 2-1/2")	2.87m	2.67m	U FU C FC	44025 0.5 11006 0.4	19567 1.1 7337 0.9	1006 2.0 5503 1.6	7044 3.1 4402 2.5	4891 4.5 3669 3.9	3594 6.2 3144 4.9	2751 8.1 2751 6.5	2174 10.2 2446 10.1	1761 12.6 2201 10.1	1455 15.3 2001 12.3	1223 18.2 1834 14.4

U: Carga uniforme permisible (en kg/m²) FU: Flecha (en mm) bajo esa carga uniforme C: Carga concentrada permisible (en kg/metro lineal)
FC: Flecha (en mm) bajo esa carga concentrada