



ACCURATE
SCREEN & GRATING

FIBREGLASS GRATING - MOLDED

1.5" x 1.5" x 1.5" SQUARE (GRIT-TOP/NON GRIT-TOP)

VANCOUVER

19082-28th Avenue
Surrey, BC
Canada V3S 6M3
TF: 877.687.3488

CALGARY

7571-57th Street SE
Calgary, AB
Canada T2C 5M2
TF: 877.857.0323

EDMONTON

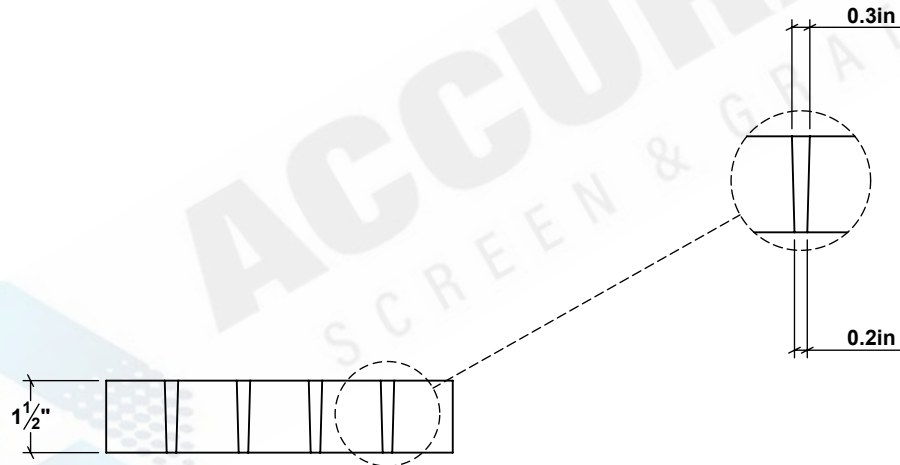
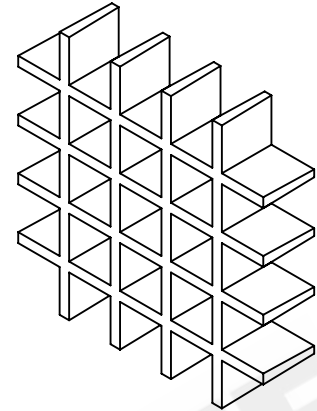
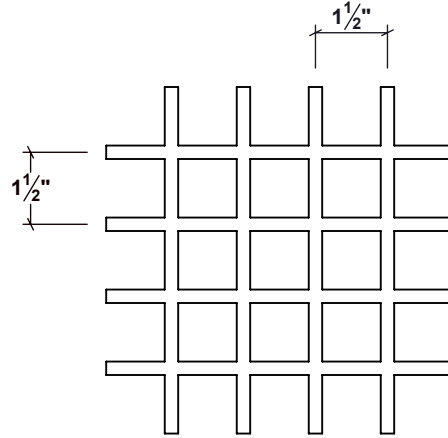
#54-1015 Eby Road SW
Edmonton, AB
Canada T6X 2N9
TF: 877.857.0323

TORONTO

#5-5655 Kennedy Rd
Mississauga, ON
Canada L4Z 3E1
TF: 877.564.3381

MONTREAL

440 Rue Stinson
Saint Laurent, QC
Canada H4N 2E9
TF: 855.325.3826



IMPERIAL LOAD TABLE												
SPAN (INCHES)	GRATING TYPE		LOAD (LB/SF)								Max Recommended Load (Lb/SF)	Breaking Point (Lb/SF)
	HEIGHT (INCHES)	OPENING (INCHES)	50	100	150	200	300	500	1000	2000		
12	1.5	1.5 x 1.5	<.01 / <.01	<.01 / <.01	<.01 / <.01	<.01 / <.01	0.01 / 0.02	0.02 / 0.03	0.04 / 0.05	0.07 / 0.11	3200 / 1600	16000 / 8000
18	1.5	1.5 x 1.5	<.01 / 0.01	0.01 / 0.02	0.02 / 0.02	0.03 / 0.03	0.04 / 0.05	0.07 / 0.08	0.14 / 0.15	0.28 / 0.30	1420 / 1060	7100 / 5330
24	1.5	1.5 x 1.5	0.02 / 0.02	0.04 / 0.03	0.06 / 0.05	0.08 / 0.07	0.12 / 0.10	0.21 / 0.17	0.42 / 0.33		780 / 800	3900 / 4000
30	1.5	1.5 x 1.5	0.05 / 0.03	0.09 / 0.06	0.14 / 0.09	0.18 / 0.12	0.27 / 0.18	0.46 / 0.29			510 / 640	2560 / 3200
36	1.5	1.5 x 1.5	0.10 / 0.05	0.20 / 0.11	0.30 / 0.16	0.40 / 0.21					350 / 530	1770 / 2660
42	1.5	1.5 x 1.5	0.17 / 0.08	0.34 / 0.16							260 / 450	1300 / 2280
48	1.5	1.5 x 1.5	0.28 / 0.11	0.55 / 0.23							200 / 400	1000 / 2000
54	1.5	1.5 x 1.5	0.42 / 0.15								150 / 350	970 / 1770

TABLE OF SAFE LOADS - IMPERIAL

U - Safe Uniform Load, in lbs. per sq. ft.
C - Safe Concentrated Load, in lbs. per foot of grating width

GENERAL

Loads and deflections are theoretical and based on static loading.