

# ALUMINIUM GRATING

Product	Load Bar Size mm	Loadbar Spacing mm	Mass kg/m <sup>2</sup>	4kPa 5mm Defl Span	SPAN mm													
					450	600	750	900	1050	1200	1350	1500	1800	2100	2400	2700	3000	
F253APM	25 x 3	60	7	750	U (kPa)	24.1	13.6	8.7	6.0	4.4	3.4	2.7	2.2	1.5	1.1	0.8	0.7	0.5
					D (mm)	2.8	5.0	7.8	11.2	15.2	19.9	25.2	31.1	44.8	61.0	79.7	100.8	124.5
C253APM	25 x 3	40	7	890	U (kPa)	35.5	20.0	12.8	8.9	6.5	5.0	3.9	3.2	2.2	1.6	1.2	1.0	0.8
					D (mm)	2.8	5.0	7.8	11.2	15.2	19.9	25.2	31.1	44.8	61.0	79.7	100.8	124.5
A253ASM	25 x 3	30	8.4	900	U (kPa)	38.1	21.5	13.7	9.5	7.0	5.4	4.2	3.4	2.4	1.8	1.3	1.1	0.9
					D (mm)	2.5	4.4	6.9	9.9	13.5	17.6	22.3	27.5	39.6	54.0	70.5	89.2	110.1
A253APM	25 x 3	30	8.7	950	U (kPa)	48.3	27.2	17.4	12.1	8.9	6.8	5.4	4.3	3.0	2.2	1.7	1.3	1.1
					D (mm)	2.8	5.0	7.8	11.2	15.2	19.9	25.2	31.1	44.8	61.0	79.7	100.8	124.5
C255APM	25 x 5	40	10.5	1010	U (kPa)	59.2	33.3	21.3	14.8	10.9	8.3	6.6	5.3	3.7	2.7	2.1	1.6	1.3
					D (mm)	2.8	5.0	7.8	11.2	15.2	19.9	25.2	31.1	44.8	61.0	79.7	100.8	124.5
A255ASM	25 x 5	30	12.8	1020	U (kPa)	63.6	35.8	22.9	15.9	11.7	8.9	7.1	5.7	4.0	2.9	2.2	1.8	1.4
					D (mm)	2.5	4.4	6.9	9.9	13.5	17.6	22.3	27.5	39.6	54.0	70.5	89.2	110.1
C323APM	32 x 3	40	8.4	1070	U (kPa)	58.2	32.7	20.9	14.5	10.7	8.2	6.5	5.2	3.6	2.7	2.0	1.6	1.3
					D (mm)	2.2	3.9	6.1	8.8	11.9	15.6	19.7	24.3	35.0	47.6	62.2	78.8	97.2
A255APM	25 x 5	30	13.3	1080	U (kPa)	80.5	45.3	29.0	20.1	14.8	11.3	8.9	7.2	5.0	3.7	2.8	2.2	1.8
					D (mm)	2.8	5.0	7.8	11.2	15.2	19.9	25.2	31.1	44.8	61.0	79.7	100.8	124.5
F403APM	40 x 3	60	9.2	1130	U (kPa)	61.8	34.8	22.2	15.4	11.3	8.7	6.9	5.6	3.9	2.8	2.2	1.7	1.4
					D (mm)	1.8	3.1	4.9	7.0	9.5	12.4	15.8	19.4	28.0	38.1	49.8	63.0	77.8
A323APM	32 x 3	30	10.6	1140	U (kPa)	79.1	44.5	28.5	19.8	14.5	11.1	8.8	7.1	4.9	3.6	2.8	2.2	1.8
					D (mm)	2.2	3.9	6.1	8.8	11.9	15.6	19.7	24.3	35.0	47.6	62.2	78.8	97.2
C325APM	32 x 5	40	12.9	1210	U (kPa)	96.9	54.5	34.9	24.2	17.8	13.6	10.8	8.7	6.1	4.5	3.4	2.7	2.2
					D (mm)	2.2	3.9	6.1	8.8	11.9	15.6	19.7	24.3	35.0	47.6	62.2	78.8	97.2
A325ASM	32 x 5	30	16	1240	U (kPa)	109.4	61.5	39.4	27.4	20.1	15.4	12.2	9.8	6.8	5.0	3.8	3.0	2.5
					D (mm)	2.0	3.5	5.5	7.9	10.8	14.1	17.8	22.0	31.7	43.1	56.3	71.3	88.0
C403APM	40 x 3	40	10.1	1260	U (kPa)	90.9	51.1	32.7	22.7	16.7	12.8	10.1	8.2	5.7	4.2	3.2	2.5	2.0
					D (mm)	1.8	3.1	4.9	7.0	9.5	12.4	15.8	19.4	28.0	38.1	49.8	63.0	77.8
A325APM	32 x 5	30	16.5	1300	U (kPa)	131.8	74.1	47.5	33.0	24.2	18.5	14.6	11.9	8.2	6.1	4.6	3.7	3.0
					D (mm)	2.2	3.9	6.1	8.8	11.9	15.6	19.7	24.3	35.0	47.6	62.2	78.8	97.2
A403APM	40 x 3	30	12.8	1350	U (kPa)	123.6	69.5	44.5	30.9	22.7	17.4	13.7	11.1	7.7	5.7	4.3	3.4	2.8
					D (mm)	1.8	3.1	4.9	7.0	9.5	12.4	15.8	19.4	28.0	38.1	49.8	63.0	77.8
C405APM	40 x 5	40	15.7	1430	U (kPa)	151.4	85.2	54.5	37.9	27.8	21.3	16.8	13.6	9.5	7.0	5.3	4.2	3.4
					D (mm)	1.8	3.1	4.9	7.0	9.5	12.4	15.8	19.4	28.0	38.1	49.8	63.0	77.8
A405ASM	40 x 5	30	19.8	1480	U (kPa)	179.2	100.8	64.5	44.8	32.9	25.2	19.9	16.1	11.2	8.2	6.3	5.0	4.0
					D (mm)	1.6	2.9	4.5	6.5	8.9	11.6	14.7	18.1	26.1	35.5	46.3	58.7	72.4
C503APM	50 x 3	40	12.2	1490	U (kPa)	142.0	79.9	51.1	35.5	26.1	20.0	15.8	12.8	8.9	6.5	5.0	3.9	3.2
					D (mm)	1.4	2.5	3.9	5.6	7.6	10.0	12.6	15.6	22.4	30.5	39.8	50.4	62.2
A405APM	40 x 5	30	20.2	1530	U (kPa)	206.0	115.9	74.1	51.5	37.8	29.0	22.9	18.5	12.9	9.5	7.2	5.7	4.6
					D (mm)	1.8	3.1	4.9	7.0	9.5	12.4	15.8	19.4	28.0	38.1	49.8	63.0	77.8
C455APM	45 x 5	40	17.5	1560	U (kPa)	191.7	107.8	69.0	47.9	35.2	27.0	21.3	17.3	12.0	8.8	6.7	5.3	4.3
					D (mm)	1.6	2.8	4.3	6.2	8.5	11.1	14.0	17.3	24.9	33.9	44.3	56.0	69.1
A503APM	50 x 3	30	15.6	1600	U (kPa)	193.1	108.6	69.5	48.3	35.5	27.2	21.5	17.4	12.1	8.9	6.8	5.4	4.3
					D (mm)	1.4	2.5	3.9	5.6	7.6	10.0	12.6	15.6	22.4	30.5	39.8	50.4	62.2
A455APM	45 x 5	30	22.6	1670	U (kPa)	260.7	146.6	93.8	65.2	47.9	36.7	29.0	23.5	16.3	12.0	9.2	7.2	5.9
					D (mm)	1.6	2.8	4.3	6.2	8.5	11.1	14.0	17.3	24.9	33.9	44.3	56.0	69.1
C505APM	50 x 5	40	19.2	1690	U (kPa)	236.6	133.1	85.2	59.2	43.5	33.3	26.3	21.3	14.8	10.9	8.3	6.6	5.3
					D (mm)	1.4	2.5	3.9	5.6	7.6	10.0	12.6	15.6	22.4	30.5	39.8	50.4	62.2
A505APM	50 x 5	30	24.9	1810	U (kPa)	321.8	181.0	115.9	80.5	59.1	45.3	35.8	29.0	20.1	14.8	11.3	8.9	7.2
					D (mm)	1.4	2.5	3.9	5.6	7.6	10.0	12.6	15.6	22.4	30.5	39.8	50.4	62.2
C655APM	65 x 5	40	24.5	2050	U (kPa)	399.9	224.9	144.0	100.0	73.5	56.2	44.4	36.0	25.0	18.4	14.1	11.1	9.0
					D (mm)	1.1	1.9	3.0	4.3	5.9	7.7	9.7	12.0	17.2	23.5	30.6	38.8	47.9