

## GRANITE SURFACE PLATES



Crystal Pink Granite Surface Plate

### CRYSTAL PINK®

- Accurate for use in metrology laboratories and wear resistant for use in abrasive shop environments
- The finest, most durable granite surface plate available to industry today
- The name is derived from the fact that it has the highest crystalline quartz content of any granite surface plate

### SURFACE FINISH

- Even distribution of large quartz crystals provides a smooth finish, which significantly reduces wear on the surface plate and the instruments used on it
- Fine micro-finish, combined with the natural voids in the surface provides a velvety-smooth tool action

### WEAR LIFE

- Non-quartz-bearing granite in average daily use requires resurfacing about once a year, while Crystal Pink plates used in these same plants have required resurfacing only once every three to five years, on average.

### STARRETT CRYSTAL PINK:

- Meets or exceeds U.S. Federal Specification GGG-P-463c and ASME B89.3.7 2013 for overall flatness, local area flatness and accuracy under load
- Great surface hardness and wear resistance – the highest percentage of quartz crystals of any granite plate
- Smooth, jewel-like quartz bearing points protect accuracy and finish of both the surface and the tools used on it
- Quality and economy combined
- Comparable to black granite plates while outwearing them as much as 5 to 1
- Meets or exceeds 50 lb per square foot (24kg per 1,000 sq. cm) load bearing specifications. Available in 100 lb (45kg) test series.
- Standard-size plates are mounted on resilient support pads, providing isolation from normal vibration and a non-distorting 3-point suspension.
- Packed one per crate with skids for forklift handling.



Grade AA Laboratory						No Ledge			Two Ledge		
Surface Size		Thickness		Flatness Unilateral Tolerance		Weight			Weight		
in	mm	in	mm	in	mm	lb	kg	EDP	lb	kg	EDP
12 x 12	300 x 300					55	25	80601	50	23	80602
12 x 18	300 x 450	4	100	.000050	0.0012	85	39	80610	78	35	80611
18 x 18	450 x 450					125	57	80619	120	54	80620
18 x 24	450 x 600					248	113	80628	224	102	80629
24 x 24	600 x 600	6	150	.000075	0.0019	330	150	80646	306	139	80647
24 x 36	600 x 900	6	150	.000100	0.0025	495	225	80655	460	209	80656
30 x 48	750 x 1200	10	250	.000168	0.0043	1585	719	80883	1585	719	80884
36 x 36	900 x 900	6	150	.000150	0.0038	745	338	80701	710	322	80702
36 x 48	900 x 1200	8	200	.000200	0.0050	1320	599	80710	1250	567	80711
36 x 60	900 x 1500	10	250	.000250	0.0063	2065	937	80719	1950	885	80720
36 x 72	900 x 1800	12	300	.000300	0.0076	2970	1347	80728	2810	1275	80729
48 x 48	1200 x 1200	10	250	.000200	0.0051	2535	1150	80889	2535	1150	80890
48 x 72	1200 x 1800	12	300	.000350	0.0088	3960	1796	80755	3795	1721	80756
48 x 96	1200 x 2400	16	400	.000500	0.0127	7040	3193	80773	6750	3062	80774
Grade A Inspection						No Ledge			Two Ledge		
Surface Size		Thickness		Flatness Unilateral Tolerance		Weight			Weight		
in	mm	in	mm	in	mm	lb	kg	EDP	lb	kg	EDP
12 x 12	300 x 300					55	25	80604	50	23	80605
12 x 18	300 x 450	4	100	.000100	0.0025	85	39	80613	78	35	80614
18 x 18	450 x 450					125	57	80622	120	54	80623
18 x 24	450 x 600	6	150	.000150	0.0038	248	113	80631	224	102	80632
24 x 24	600 x 600					330	150	80649	306	139	80650
24 x 36	600 x 900	6	150	.000200	0.0050	495	225	80658	460	209	80659
30 x 48	750 x 1200	8	200	.000400	0.0102	1270	576	80885	1270	576	80886
36 x 36	900 x 900	6	150	.000300	0.0076	745	338	80704	710	322	80705
36 x 48	900 x 1200	8	200	.000400	0.0102	1320	599	80713	1250	567	80714
36 x 60	900 x 1500			.000500	0.0127	2065	937	80722	1950	885	80723
36 x 72	900 x 1800	10	250	.000600	0.0152	2475	1123	80731	2340	1061	80732
48 x 48	1200 x 1200	8	200	.000500	0.0130	2030	921	80891	2030	921	80892
48 x 72	1200 x 1800	10	250	.000700	0.0177	3300	1497	80758	3165	1436	80759
48 x 96	1200 x 2400	12	300	.001000	0.0254	5280	2395	80776	5060	2295	80777
Grade B Toolroom						No Ledge			Two Ledge		
Surface Size		Thickness		Flatness Unilateral Tolerance		Weight			Weight		
in	mm	in	mm	in	mm	lb	kg	EDP	lb	kg	EDP
12 x 12	300 x 300					55	25	80607	50	23	80608
12 x 18	300 x 450	4	100	.000200	0.0050	83	38	80616	76	34	80617
18 x 18	450 x 450					125	57	80625	118	54	80626
18 x 24	450 x 600	4	100	.000300	0.0076	165	75	80634	155	70	80635
24 x 24	600 x 600					220	100	80652	210	95	80653
24 x 36	600 x 900			.000400	0.0102	495	225	80661	460	209	80662
30 x 48	750 x 1200	6	150	.000700	0.0180	950	431	80887	950	431	80888
36 x 36	900 x 900			.000600	0.0152	745	338	80707	710	322	80708
36 x 48	900 x 1200			.000800	0.0203	990	449	80716	955	433	80717
36 x 60	900 x 1500	8	200	.001000	0.0254	1650	749	80725	1560	708	80726
36 x 72	900 x 1800			.001200	0.0304	1980	898	80734	1870	848	80735
48 x 48	1200 x 1200	6	150	.000900	0.0229	1520	689	80893	1520	689	80894
48 x 72	1200 x 1800	8	200	.001400	0.0355	2640	1198	80761	2530	1148	80762
48 x 96	1200 x 2400	10	250	.002000	0.0508	4400	1996	80779	4215	1912	80780

Other sizes available by request. No ledge and two ledge plates listed, four ledge plates available by request.

**HOW TO ORDER**

**Specify:**

1. Surface size of plate
2. Grade AA, A or B tolerance
3. Number of ledges

**SPECIAL REQUIREMENTS**

Should your application require something other than a standard surface plate, we can provide you with custom options.

Starrett can produce your plate from pink, black or gray granite. Custom sizes and thicknesses are available upon request to meet your needs.

We can also add holes, counterbores, threaded or solid stainless steel inserts and t-slots to your surface plate.

Contact Starrett Tru-Stone for assistance.

