

Applicable Site(s)	Winnersh	Ref.	PH 003147005		
Subject	NGC TUBE DATA SHEET PHILLIPINES	PCN	500000010823	Issue	G1
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Coin desc/partnumber	NGC tube number	NGC tube base number	Coin Thickness in $\mu\text{m}$	Coin Diameter in mm	Tube Base Offset		Full Count	Max Fill Count	Tube position restrictions (i.e. not in tube...)
25 sentimos 103034023	20	Lt Blue	1700	20.0	A	70	97	85	D, E
					B	70			
	C	77							
	D	100							
	E	100							
50 sentimos 103035014	22 e2c	Red	1650	18.0	A	100	100	89	A,D, E
					B	75			
	C	71							
	D	100							
	E	100							
1 Piso 103035019	25	Black	1810	24.0	A	83	91	78	B
					B	100			
	C	88							
	D	84							
	E	65							
5 Piso 103032024	29	Green	2000	27.0	A	100	82	69	A, B, D, E
					B	100			
	C	66							
	D	100							
	E	100							
10 Pisos 103034028	27	Blue	2190	26.7	A	81	82	68	B, D
					B	100			
	C	92							
	D	100							
	E	74							

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## Notes on filling out the Tube Data Sheet

The example below shows a completed row for the US 1c coin

Coin desc/partnumber	NGC tube number	NGC tube base number	Coin Thickness in $\mu\text{m}$	Coin Diameter in mm	Tube Base Offset		Full Count*	Max Fill Count	Tube position restrictions (i.e. not in tube...)
					A	B			
1c	20	Light Blue	1512	19.0	A	80	109	96	D,E
					B	68			
	C	90							
	D	71							
	E	71							
	728111008	794604001							

### Coin Thickness

This figure is used by the Acoustic system in order to calculate coin counts in tubes. It is normally based on the average coin thickness, but may be based on practical measurements.

### Tube Base Offset

This is an adjustment used by the acoustic system when measuring an empty tube in order to correct for slight errors in base measurements. Practical measurements and data collection is required in order to determine these figures.

Note: number is offset binary with 100 = 0 offset (i.e. >100 indicates +ve offset, <100 indicates -ve offset)

### Full Count

Full Count is the height of the tube divided by the coin thickness

The height of the tube has been defined as 165mm – Steve Boxall 25<sup>th</sup> Sept 2003-09-26

### Max Fill Count

This is the height of the tube minus a coin diameter, divided by the coin thickness (e.g. (full – diameter) / thickness)

### Tube Position Restrictions

This is the tube position(s) that this coin cannot be fitted to.

