

# TORQUE VALUES SHEET



## ALUMINIUM BOTTLES

CODE	VOLUME (ML)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
109	63	63ml Aluminium Bottle PLAIN	18mm Cap with polyplug seal	1.0-1.5
107	125	125ml UN Approved Aluminium Bottle PLAIN	32mm t/e Cap with polyplug seal	4
890	275	275ml UN Approved Aluminium Bottle PLAIN	32mm t/e Cap with polyplug seal	4
891	625	625ml UN Approved Aluminium Bottle PLAIN	32mm t/e Cap with polyplug seal	4
5	1000	1L Aluminium Bottle PLAIN	32mm Cap with polyplug seal	4
182	1250	1.25L UN Approved Aluminium Bottle PLAIN	45mm t/e Cap with polyplug seal	6
171	2500	2.5L UN Approved Aluminium Bottle PLAIN	45mm t/e Cap with polyplug seal	6
135	6250	6.25L UN Approved Aluminium Bottle PLAIN	62mm t/e Cap with polyplug seal	10

## PLASTIC BOTTLES

CODE	VOLUME (ML)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
82	50	50ml LDPE Bottle	32mm Cap	3
334	50	Biotube 50ml Polypropylene	3/4" Tri-Sure Bung	3-4
81	100	100ml LDPE Bottle	32mm Cap	3
83	200	200ml LDPE Bottle	40mm Cap	3
80	250	250ml LDPE Bottle	40mm Cap	3
87	300	300ml LDPE Bottle	40mm Cap	3
330	330	Biotube 330ml Polypropylene	2" Tri-Sure Bung	3-4
85	500	500ml UN FHDPE Bottle NAT	45mm Cap	2.76-2.84
9	500	500ml LDPE Bottle	50mm Cap	9
88	750	750ml LDPE Bottle	50mm Cap	9
8	1000	1L LDPE Bottle	65mm Cap	9
7	1000	1L UN FHDPE Bottle	42mm t/e Cap with Saranex Wad	4
490	1500	1.5L Biojar 120mm Yellow Lid & EPDM Seal	Polypropylene Lid YELLOW with EPDM Seal	5
79	2000	2L LDPE Bottle	65mm Cap	9

## PLASTIC JERRICANS

CODE	VOLUME (L)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
101	2.5	2.5L UN Approved FHDPE Jerrican WHITE	42mm t/e Cap with Saranex Wad	2.8-3.9
22	5	5L UN Approved HDPE Jerrican BLUE	51mm t/e Cap	19
22/NAT	5	5L UN Approved HDPE Jerrican NATURAL	51mm t/e Cap	19
22/B	5	5L UN Approved HDPE Jerrican BLUE	51mm t/e Cap	20
22/NAT/B	5	5L UN Approved HDPE Jerrican NATURAL	51mm t/e Cap	20
26	5	5L UN Approved FHDPE Jerrican WHITE	63mm t/e Cap with Saranex Wad	5
27/NAT	6	6L UN Approved HDPE Jerrican NATURAL	51mm t/e Cap	20
23	10	10L UN Approved HDPE Jerrican BLUE	51mm t/e Cap	15
23/NAT	10	10L UN Approved HDPE Jerrican NATURAL	51mm t/e Cap	15
24	25	25L UN Approved HDPE Jerrican BLUE	59mm t/e Cap	19
24/NAT	25	25L UN Approved HDPE Jerrican NATURAL	59mm t/e Cap	19
48	25	25L UN Approved HDPE Drum BLACK	2" Bung	12+

## PLASTIC DRUMS

CODE	VOLUME (L)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
649	60	60L UN Approved HDPE Drum	2" Bung & 3/4" Bung	20 & 5
720	120	120L UN Approved HDPE Drum	2" Bung & 3/4" Bung	20 & 5
665	220	220L UN Approved HDPE Drum	2 x 2" Bungs	20

# TORQUE VALUES SHEET



## COMPOSITE DRUMS

CODE	VOLUME (L)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
912	30	30L UN Approved Composite Drum	2" Bung	25-35
212	60	60L UN Approved Composite Drum	2" Bung	25-35
194	120	120L UN Approved Composite Drum	2 x 2" Bungs	25-35
213	210	210L UN Approved Composite Drum	2 x 2" Bungs	13

## STEEL DRUMS

CODE	VOLUME (L)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
112	5	5L UN Approved Steel Drum LACQUERED	2" Bung	30
113	5	5L UN Approved Steel Drum PLAIN	2" Bung	30
230	5	5L UN Approved Steel Drum LACQUERED	2" Bung	20-30
231	5	5L UN Approved Steel Drum PLAIN	2" Bung	20-30
15	11	11L UN Approved Steel Drum LACQUERED	2" Bung	30
16	25	25L UN Approved Steel Drum LACQUERED	2" Bung	30
776	57	57L UN Approved Steel Drum LACQUERED	2" Bung & 3/4" Bung	30 & 10
147	210	210L UN Approved Steel Drum LACQUERED	2" Bung & 3/4" Bung	30 & 10
148	210	210L UN Approved Steel Drum PLAIN	2" Bung & 3/4" Bung	30 & 10
715/B	210	210L UN Approved Steel Drum LACQUERED	2" Bung & 3/4" Bung within open top lid	30 & 10

## STAINLESS STEEL DRUMS

CODE	VOLUME (L)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
600	6	6L UN Approved Stainless Steel Drum	2" Bung	30
603	12	12L UN Approved Stainless Steel Drum	2" Bung	30
604	25	25L UN Approved Stainless Steel Drum	2" Bung	30
563	210	210L UN Approved Stainless Steel Drum	2" & 3/4" Bung	30 & 10

## TINPLATE JERRICANS

CODE	VOLUME (ML)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
234	250	0.25L UN Approved Tinplate Jerrican PLAIN	25mm Cap	2
235	500	0.5L UN Approved Tinplate Jerrican PLAIN	25mm Cap	2
115	1000	1L UN Approved Tinplate Jerrican PLAIN	38mm Cap	4
236/B	2500	2.5L UN Approved Tinplate Jerrican PLAIN	38mm Cap	4
121	5000	5L UN Approved Tinplate Jerrican PLAIN	38mm Cap	4

## TINPLATE CONTAINERS

CODE	VOLUME (ML)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
369	200	200ml Tinplate Drum LACQ	3/4" Bung	10
60	250	250ml Tinplate Drum PLAIN	2" Bung	30
569	250	250ml Tinplate Drum LACQ	2" Bung	30
59	500	500ml Tinplate Drum LACQ	3/4" Bung	10
53	500	500ml Tinplate Drum PLAIN	2" Bung	30
533	500	500ml Tinplate Drum LACQ	2" Bung	30
47	1000	1L Tinplate Drum PLAIN	3/4" Bung	10
3	1000	1L Tinplate Drum LACQ	3/4" Bung	10
52	1000	1L Tinplate Drum PLAIN	2" Bung	30
51	1000	1L Tinplate Drum LACQ	2" Bung	30
54	2000	2L Tinplate Drum LACQ	2" Bung	30
377	2000	2L Tinplate Drum PLAIN	2" Bung	30

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# TORQUE VALUES SHEET



## GLASS WINCHESTER BOTTLES

CODE	VOLUME (ML)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
89	10	10ml Glass Winchester AMBER	20mm Cap BLACK with P/cone Wad	1.0-1.5
90	15	15ml Glass Winchester AMBER	20mm Cap BLACK with P/cone Wad	1.0-1.5
91	25	25ml Glass Winchester AMBER	20mm Cap BLACK with P/cone Wad	1.0-1.5
69	30	30ml Glass Winchester AMBER	20mm Cap BLACK with P/cone Wad	1.0-1.5
69/CL	30	30ml Glass Winchester CLEAR	20mm Cap BLACK with P/cone Wad	1.0-1.5
92	50	50ml Glass Winchester AMBER	24mm Cap BLACK with P/cone Wad	1.2-1.6
92/CL	50	50ml Glass Winchester CLEAR	24mm Cap BLACK with P/cone Wad	1.2-1.6
67	100	100ml Glass Winchester AMBER	24mm Cap BLACK with P/cone Wad	1.2-1.6
63	500	500ml Glass Winchester AMBER	31mm Cap BLACK with P/cone Wad	1.2-2.2
63/CL	500	500ml Glass Winchester CLEAR	31mm Cap BLACK with P/cone Wad	1.2-2.2
4	1000	1L Glass Winchester AMBER	31mm Cap BLACK with P/cone Wad	1.2-2.2

## GLASS POWDER JARS

CODE	VOLUME (ML)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
96	15	15ml Glass Powder Jar AMBER	28mm Cap BLACK with Steran Wad	1.2-2.0
76	30	30ml Glass Powder Jar AMBER	33mm Cap BLACK with Steran Wad	1.5-2.5
76/CL	30	30ml Glass Powder Jar CLEAR	33mm Cap BLACK with Steran Wad	1.5-2.5
75	60	60ml Glass Powder Jar AMBER	38mm Cap BLACK with Steran Wad	1.7-2.8
74	100	100ml Glass Powder Jar AMBER	38mm Cap BLACK with Steran Wad	1.7-2.8
74/CL	100	100ml Glass Powder Jar CLEAR	38mm Cap BLACK with Steran Wad	1.7-2.8
73	120	120ml Glass Powder Jar AMBER	38mm Cap BLACK with Steran Wad	1.7-2.8
73/CL	120	120ml Glass Powder Jar CLEAR	38mm Cap BLACK with Steran Wad	1.7-2.8
98	175	175ml Glass Powder Jar AMBER	48mm Cap BLACK with Steran Wad	3.0-4.0
98/CL	175	175ml Glass Powder Jar CLEAR	48mm Cap BLACK with Steran Wad	3.0-4.0
72	250	250ml Glass Powder Jar AMBER	48mm Cap BLACK with Steran Wad	3.0-4.0
72/CL	250	250ml Glass Powder Jar CLEAR	48mm Cap BLACK with Steran Wad	3.0-4.0
99	300	300ml Glass Powder Jar AMBER	51mm Cap BLACK with Steran Wad	3.0-4.0
71	500	500ml Glass Powder Jar AMBER	58mm Cap BLACK with Steran Wad	2.6-4.5
71/CL	500	500ml Glass Powder Jar CLEAR	58mm Cap BLACK with Steran Wad	2.6-4.5

## GLASS WIDE-MOUTH JARS

CODE	VOLUME (ML)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
1006/B	250	250ml Square Glass Bottle AMBER	45mm t/e Cap WHITE	4-5
1010/B	500	500ml Glass Bottle AMBER	45mm t/e Cap BLACK	4-5
376	1000	1L Glass Bottle AMBER	45mm t/e Cap BLACK	4-5
540	3785	1 US Gallon Glass Jar CLEAR	110mm Metal Cap WHITE	5

## GLASS REAGENT BOTTLES

CODE	VOLUME (ML)	DESCRIPTION	CLOSURE TYPE	TORQUE (Nm)
127	50	50ml ISO Reagent Bottle (140°C)	32mm Cap BLUE	1.9
142	50	50ml ISO Reagent Bottle (180°C)	32mm Cap RED	2
128	100	100ml ISO Reagent Bottle (140°C)	45mm Cap BLUE	2.9
141	100	100ml ISO Reagent Bottle (180°C)	45mm Cap RED	3.4
129	250	250ml ISO Reagent Bottle (140°C)	45mm Cap BLUE	2.9
143	250	250ml ISO Reagent Bottle (180°C)	45mm Cap RED	3.4
130	500	500ml ISO Reagent Bottle (140°C)	45mm Cap BLUE	2.9
144	500	500ml ISO Reagent Bottle (180°C)	45mm Cap RED	3.4
131	1000	1L ISO Reagent Bottle (140°C)	45mm Cap BLUE	2.9
145	1000	1L ISO Reagent Bottle (180°C)	45mm Cap RED	3.4