

Table II
Range of Application Torque Values Recommended by Various Industry Sources
for Lined Polypropylene C.T. Closures

Closure Size (mm)	Application Torque*	
	Inch – Pounds	Newton -- Pounds
8	5	0.56
10	6	0.68
13	8	0.90
15	5 – 9	0.56 – 1.0
18	7 – 10	0.79 – 1.1
20	8 – 12	0.90 – 1.4
22	9 – 14	1.0 – 1.6
24	10 – 18	1.1 – 2.0
28	12 – 21	1.4 – 2.4
30	13 – 23	1.5 – 2.6
33	15 – 25	1.7 – 2.8
38	17 – 26	1.9 – 2.9
43	17 – 27	1.9 – 3.1
48	19 – 30	2.1 – 3.4
53	21 – 36	2.4 – 4.1
58	23 – 40	2.6 – 4.5
63	25 – 43	2.8 – 4.9
66	26 – 45	2.9 – 5.1
70	28 – 50	3.2 – 5.6
83	32 – 65	3.6 – 7.3
86	40 – 65	4.5 – 7.3
89	40 – 70	4.5 – 7.9
100	45 – 70	5.1 – 7.9
110	45 – 70	5.1 – 7.9
120	55 – 95	6.2 – 10.7
132	60 – 95	6.8 – 10.7

***Note:** Immediate removal torque values are approximately 40-60% of the application torque values. Production capping equipment should be adjusted to provide similar immediate removal torque values.