

# UDN International Inc.

## Tube Size & Volume(1)

Sleeve Length (mm)	Volume (ml)	Round Tubes										OP tube's total length(cap included)							SBS Tubes					
		10	13	16	19	22	25	30	35	40	45	50	OPP1		OPV1					OPP1	SBS14	SBS 02	SBS07	SBS01
												35	40	16	25	35	40	45	50	50	D13	19	30	40
1	40																							
2	54																							
3	71	44																						
4	88	53																						
5		61	52	50																				
7		80	64	58																				
10		108	82	65	59																			
15			111	85	74	64																		
20				105	87	75	65																	
25					101	86	73	69																
30					115	97	81	76																
35					129	108	89	82																
40						119	97	88	77															
50						141	113	99	85															
60							129	110	94															
70							145	121	102															
80							161	132	111	104	94													
90								143	119	110	100													
100								154	128	117	105													
110								165	136	123	111													
120									145	130	116													
130									153	136	122													
140									162	143	127													
150									170	149	133													
160										156	138													
170											162	144												
180												169	149											
190													175	155										
200														160										
210														166										
220														171										
230														177										
240														183										
250														189										

- Remark: 1.The above Volume Table is good for reference only.  
 2.The actual volume must be determined by filling test and the sealing machine to be used.  
 3.The max.length for D16-MAS/D19-MAS production is 100mm.  
 4.The max.length for D16-M11 production is 113mm.  
 5. The volume for SBS tubes come from filling from orifice.

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## UDN International Inc. Tube Size & Volume(2)

Sleeve Length (mm)	Volume (ml)	OVAL TUBES																		BRUSH TUBES				Heating tube		TUBE IN TUBE										
		OVAL 12		OVAL1				OVAL2		OVAL3	OVAL4	NN003 BY01/02	OVAL5/OVAL41					OVAL10	OVAL22	OVAL23	OVAL24	OVAL17	M15R	NM339		AA13		OPV3	NM228	NM222						
		13	22	25	35	40	35	40	16	35	30	30	35	40	45	50	35	40	35	40	50	30	30	D19/D 13	D19/D 16	D19 /D10	D19 /D13	D35 /D25	D35/D 25	D35/D 22	D50 /D35					
3																									90											
5	77								52															55	115	55	55									
10	120	67	70						82															80		80	80									
15		87	80						111															105		105	105									
20		107	90								74	70	60											70	65											
25		127	100								83	79	65											79	73											
30		147	110				82			67	91	87	71				108	83	84				87	81	Max 50											
35			120				88			71	99	95	75				113	89	95				95	89	Max 120; Min 50											
40			130	89	82	94				77	107	103	80	70			118	96	106				103	97	Max 120; Min 50	Max 50										
50			150	100	91	106	92			87	123	119	89	82	70		128	106	117	94			119	113	Max 120; Min 50	Max 120; Min 50										
60			170	112	99	118	100			97	139	135	100	92	78		138	116	128	102			135	129	Max 120; Min 50	Max 120; Min 50	Max 130; Min 50	Max 130; Min 50								
70				123	108	130	109			107	155	151	108	100	86	82	148	125	139	111	97		151	145												
80				135	116	142	117			117	171	167	120	110	94	90	158	136	150	119	105															
90				146	125	154	126			127			130	120	102	98	168	146	161	128	110															
100				158	133	166	134			137			140	130	110	106	178	156		136	118															
110				169	142		143			147			150	140	118	114	188	166		145	126															
120				180	150		151			157			160	150	126	122		176		153	134															
130					159		160			167				160	134	128		186		162	142															
140					167		168							170	142	133				171	150															
150														180	150	139																				
160														190	158	144																				
170															166	150																				
180															174	155																				
190															182	161																				
200															190	166																				
210																172																				
220																177																				
230																182																				
240																187																				
250																																				
260																																				

Remark: 1.The above Volume Table is good for reference only.

2.The actual volume must be determined by filling test and the sealing machine to be used.

3.Volume ratio based on the same filling level between outer tube and inner tube.

2017/12/11