

# Fluorosint®



Reinforced Polytetrafluorethylene [PTFE + MICA]

Fluorosint® 207

Fluorosint® 500

ROUND RODS						
Diameters <sup>[1]</sup>		Tolerances on the diameters [mm]	Fluorosint® 207		Fluorosint® 500	
[mm]	[inches]		Standard length: [1220 mm <sup>[2]</sup> ]			
			[kg/pce <sup>[3]</sup> ]		[kg/pce <sup>[3]</sup> ]	
12,70	1	-0,03 +0,03	0,37	□	0,36	□
19,05	3/4		<b>0,82</b>	■	<b>0,81</b>	■
25,40	1	-0,0 +0,30	1,44	□	<b>1,43</b>	■
31,75	1 1/4		<b>2,22</b>	■	2,24	□

  

Diameters <sup>[1]</sup>		Tolerances on the diameters [mm]	Fluorosint® 207		Fluorosint® 500	
[mm]	[inches]		Standard length: [305 mm <sup>[2]</sup> ]			
			[kg/pce <sup>[3]</sup> ]		[kg/pce <sup>[3]</sup> ]	
12,70	1/2	-0,0 +3,00	0,09	□	0,09	□
19,05	3/4		0,20	□	0,20	□
25,40	1		0,36	□	0,40	□
31,75	1 1/4		0,56	□	0,58	□
38,10	1 1/2		0,80	□	0,81	□
44,45	1 3/4		1,09	□	1,36	□
50,80	2		1,42	□	1,75	■
53,98	2 1/8		1,61	□	1,62	□
57,15	2 1/4		1,80	□	1,82	□
63,50	2 1/2		2,22	□	2,24	■
69,85	2 3/4		2,69	□	2,71	□
76,20	3		3,20	□	3,23	□
82,55	3 1/4		3,75	□	3,79	□
88,90	3 1/2		4,62	□	4,39	□
95,25	3 3/4		5,00	□	5,04	□
101,60	4		5,69	□	5,74	□
107,95	4 1/4	6,42	□	6,48	□	
114,30	4 1/2	7,20	□	7,26	□	
120,65	4 3/4	8,02	□	9,22	□	
127,00	5	8,89	□	10,70	□	
139,70	5 1/2	10,75	□	12,83	□	
152,40	6	12,80	□	14,41	□	
177,80	7	20,22	□	17,55	□	
203,20	8	26,20	□	25,11	□	
222,25	8 3/4	27,20	□	27,45	□	

<sup>[1]</sup>: for non-listed intermediate diameters, please consult us

<sup>[2]</sup>: all lengths shown are minimum values

<sup>[3]</sup>: theoretical weights, based on nominal dimensions and average density :

- **standard** item [generally available from stock; bulk quantities to be manufactured to order]
- **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]
- **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

# Fluorosint®

Reinforced Polytetrafluorethylene [PTFE + MICA]

Fluorosint® 207

Fluorosint® 500

PLATES						
Thicknesses		Tolerances on the thicknesses [mm]	Fluorosint® 207		Fluorosint® 500	
[mm]	[inches]		Standard size per piece: [305 x 305 mm <sup>[1]</sup> ]			
			[kg/pce <sup>[2]</sup> ]		[kg/pce <sup>[2]</sup> ]	
6,35	1/4	-0,0 +1,0	1,36	□	1,37	■
7,94	5/16	-0,0 +1,5	1,70	□	2,04	□
9,53	3/8		<b>2,04</b>	■	<b>2,06</b>	■
12,70	1/2	-0,0 +2,0	2,72	□	2,74	□
19,05	3/4	-0,0 +3,0	4,08	□	4,11	□
25,40	1	-0,0 +4,0	5,43	□	5,48	□
31,75	1 1/4	-0,0 +5,0	6,79	□	6,85	□
38,10	1 1/2	-0,0 +6,0	8,15	□	8,22	□
44,45	1 3/4	-0,0 +7,0	9,51	□	10,17	□
50,80	2	-0,0 +8,0	12,40	□	10,95	□
63,50	2 1/2	-0,0 +10,0	15,46	□	15,59	□
76,20	3	-0,0 +12,0	17,33	□	16,45	□

<sup>[1]</sup>: tolerance on width and length -0/+6 mm

<sup>[2]</sup>: theoretical weights, based on nominal dimensions and average density :

- **standard** item [generally available from stock; bulk quantities to be manufactured to order]
- **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]
- **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

# Fluorosint®



Reinforced Polytetrafluorethylene [PTFE + MICA]

Fluorosint® 207

Fluorosint® 500

TUBES					
Diameters <sup>[1]</sup>		Standard lengths [mm]	Weight [kg/pce <sup>[2]</sup> ]	Fluorosint® 207	Fluorosint® 500
[mm] O.D. x I.D.	[inches] O.D. x I.D.				
31,75 x 12,70	1 1/4 x 1/2	305	0,47	□	□
31,75 x 19,05	1 1/4 x 3/4	305	0,36	□	□
31,75 x 25,40	1 1/4 x 1	305	0,20	□	□
38,10 x 11,10	1 1/2 x 7/16	150	0,36	□	□
38,10 x 12,70	1 1/2 x 1/2	150	0,35	□	□
38,10 x 15,88	1 1/2 x 5/8	150	0,33	□	□
38,10 x 19,05	1 1/2 x 3/4	150	0,30	□	□
38,10 x 22,23	1 1/2 x 7/8	305	0,53	□	□
38,10 x 25,40	1 1/2 x 1	305	0,45	□	□
44,45 x 9,53	1 3/4 x 3/8	150	0,52	□	□
44,45 x 12,70	1 3/4 x 1/2	150	0,49	□	□
44,45 x 15,88	1 3/4 x 5/8	305	0,96	□	□
44,45 x 19,05	1 3/4 x 3/4	305	0,90	□	□
44,45 x 22,23	1 3/4 x 7/8	305	0,82	□	□
44,45 x 25,40	1 3/4 x 1	305	0,74	□	□
44,45 x 31,75	1 3/4 x 1 1/4	305	0,54	□	□
47,63 x 15,88	1 7/8 x 5/8	305	1,12	□	□
47,63 x 19,05	1 7/8 x 3/4	305	1,05	□	□
47,63 x 22,23	1 7/8 x 7/8	305	0,98	□	□
47,63 x 25,40	1 7/8 x 1	305	0,90	□	□
47,63 x 28,58	1 7/8 x 1 1/8	305	1,10	□	□
47,63 x 31,75	1 7/8 x 1 1/4	305	0,70	□	□
47,63 x 34,93	1 7/8 x 1 3/8	305	0,58	□	□
47,63 x 38,10	1 7/8 x 1 1/2	305	0,45	□	□
50,80 x 12,70	2 x 1/2	150	0,66	□	□
50,80 x 15,88	2 x 5/8	305	1,29	□	□
50,80 x 19,05	2 x 3/4	305	1,23	□	□
50,80 x 22,23	2 x 7/8	305	1,48	□	□
50,80 x 25,40	2 x 1	305	1,07	□	□
50,80 x 28,58	2 x 1 1/8	305	0,98	□	□
50,80 x 31,75	2 x 1 1/4	305	0,87	□	□
50,80 x 34,93	2 x 1 3/8	305	0,76	□	□
50,80 x 38,10	2 x 1 1/2	305	0,63	□	□
57,15 x 12,70	2 1/4 x 1/2	150	0,85	□	□
57,15 x 19,05	2 1/4 x 3/4	305	1,61	□	□
57,15 x 25,40	2 1/4 x 1	305	1,45	□	□
57,15 x 31,75	2 1/4 x 1 1/4	305	1,25	□	□

Outside diameter [O.D.] [mm]	Tolerances [mm] on:	
	O.D.	I.D.
31,75 – 120,65	-0,0 +3	-0,0 -1,5
127,00 – 184,15	-0,0 +6,0	-0,0 -3,0
190,50 – 304,80		

Tolerances on the lengths [mm]
76 [-0,0 +6,0]
150 [-0,0 +13,0]
305 [-0,0 +25,0]

<sup>[1]</sup>: for non-listed intermediate diameters, please consult us

<sup>[2]</sup>: theoretical weights, based on nominal dimensions and average density :

- **standard** item [generally available from stock; bulk quantities to be manufactured to order]
- ▣ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]
- : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]