



GEVACRIL®

**Weights
2011**

GEVACRIL SRL

Strada Vic. Paolina 1
20066 Melzo
Italy

T +39.02.95737351
F +39.02.95737357
E info@gevacril.com

GEVACRIL ACRYLICS

Rischerstr. 10
69123 Heidelberg
Germany

T +49.6221.752652
F +49.6221.752653
E info@gevacril.com

Table of Contents

TABLE OF CONTENTS	2
WEIGHTS OF PRODUCTS.....	3
1. CAST ACRYLIC TUBES, CAST CONTINUED TUBES, METALLIC TUBES (kg/meter)	3
2 EXTRUDED ACRYLIC TUBES, EXTRUDED SATIN & OPAL TUBES (kg/meter)	4
3 EXTRUDED POLYCARBONATE TUBES (kg/meter).....	5
4 CAST ACRYLIC SQUARE BARS, FLUOR-ACRYL® SQUARE BARS	6
5 EXTRUDED ACRYLIC RODS, FLUOR-ACRYL® RODS, HALF-ROUND RODS, SQUARE BARS, TRIANGLE BARS ..	6
6 CAST ACRYLIC RODS, FLUOR-ACRYL® RODS.....	7
7 HIGH IMPACT PROFILES (gr/meter).....	8
8 ACRYLIC ACCESSORIES	9
8.1 CAST ACRYLIC DOMES (kg/piece)	9
8.2 CAST ACRYLIC SPHERES (kg/piece)	9
8.3 ACRYLIC HINGES (gr/piece).....	10
8.4 ACRYLIC KNOBS (gr/piece).....	10
8.5 ACRYLIC LOCK SET (2 PCS) (gr/set).....	10
8.6 ACRYLIC BOLTS (CROSS SLOT) and NUTS (gr/piece).....	11
8.7 ACRYLIC BALLS (gr/piece)	11

Weights of Products

1. CAST ACRYLIC TUBES, CAST CONTINUED TUBES, METALLIC TUBES (kg/meter)

External Ø mm	Thickness							Special Thickness	
	3 mm	4 mm	5 mm	6 mm	7 mm	8 mm	10 mm	12 mm	15 mm
40	0,42	0,54	***	***	***	***	***	***	***
44	0,46	0,60	0,73	***	***	***	***	***	***
50	0,53	0,69	0,85	0,99	***	***	***	***	***
60	0,64	0,84	1,04	1,22	1,40	1,57	1,88	***	***
64	0,69	0,90	1,11	1,31	1,50	1,69	2,03	***	***
70	0,76	0,99	1,22	1,45	1,66	1,87	2,26	2,62	3,11
76	0,83	1,09	1,34	1,58	1,82	2,05	2,49	2,89	3,45
80	0,87	1,15	1,41	1,67	1,93	2,17	2,64	3,07	3,67
90	0,98	1,30	1,60	1,90	2,19	2,47	3,01	3,53	4,24
100	1,10	1,45	1,79	2,13	2,45	2,77	3,39	3,98	4,80
102	1,12	1,48	1,83	2,17	2,51	2,83	3,47	***	***
110	1,21	1,60	1,98	2,35	2,72	3,07	3,77	4,43	5,37
115	1,27	1,67	2,07	2,46	2,85	3,23	3,96	4,66	5,65
120	1,32	1,75	2,17	2,58	2,98	3,38	4,14	4,88	5,93
125	1,38	1,82	2,26	2,69	3,11	3,53	4,33	5,11	6,22
127	1,40	1,85	2,30	2,74	3,17	3,59	4,41	***	***
134	1,48	1,96	2,43	2,89	3,35	3,80	4,67	5,52	6,73
139	1,54	2,03	2,52	3,01	3,48	3,95	4,86	5,74	7,01
150	1,66	2,20	2,73	3,26	3,77	4,28	5,28	6,24	7,63
153	1,70	2,25	2,79	3,32	***	4,37	5,39	***	***
160	1,77	2,35	2,92	3,48	4,04	4,58	5,65	6,69	8,20
164	1,82	2,41	3,00	3,57	4,14	4,70	5,80	6,87	8,42
170	1,89	2,50	3,11	3,71	4,30	4,88	6,03	7,14	8,76
185	2,06	2,73	3,39	4,05	4,69	5,34	6,59	7,82	9,61
200	2,23	2,95	3,67	4,39	5,09	5,79	7,16	8,50	10,46
215	2,40	3,18	3,96	4,73	5,49	6,24	7,72	***	***
220	2,45	3,26	4,05	4,84	5,62	6,39	7,91	9,40	11,59
230	2,57	3,41	4,24	5,06	5,88	6,69	8,29	9,86	12,15
240	2,68	3,56	4,43	5,29	6,15	6,99	8,67	10,31	12,72
250	2,79	3,71	4,62	5,52	6,41	7,29	9,04	10,76	13,28
260	2,91	3,86	4,80	5,74	6,67	7,60	9,42	11,21	13,85
270	3,02	4,01	4,99	5,97	***	7,90	9,80	11,67	14,41
300	3,33	4,46	5,56	6,65	7,73	8,80	10,93	12,92	15,98
350	***	5,21	6,50	7,78	9,05	10,31	12,81	***	18,93
400	***	5,97	7,44	8,91	10,37	11,82	14,70	***	21,76
450	***	6,72	8,38	10,04	***	13,32	16,58	***	24,59
500	***	***	9,33	11,17	13,00	14,83	18,46	***	27,41
550	***	***	10,27	12,30	16,34	***	20,35	***	***
610	***	***	11,40	13,66	***	18,15	22,61	***	33,63

2 EXTRUDED ACRYLIC TUBES, EXTRUDED SATIN & OPAL TUBES (kg/meter)

Ext Ø mm	Thick. 1 mm	1,5 mm	2 mm	2,5 mm	3 mm	4 mm	5 mm
5	0,020	***	***	***	***	***	***
7	0,020	***	***	***	***	***	***
8	***	***	0,045	***	***	***	***
10	***	0,048	0,06	***	0,078	***	***
12	0,041	***	0,075	***	0,101	***	***
13	***	0,064	0,082	***	0,11	***	***
15	0,052	***	0,097	0,117	0,135	***	***
16	***	***	0,105	***	***	***	***
18	***	***	0,12	***	0,17	***	***
20	0,071	***	0,135	***	0,191	***	***
22	***	***	0,15	***	0,21	***	***
24	***	***	0,17	***	0,24	***	***
25	***	***	0,172	***	0,247	***	***
26	***	***	0,18	***	0,26	***	***
30	***	***	0,209	***	0,303	0,389	0,467
32	***	***	0,23	***	0,33	0,42	0,51
34	***	***	0,24	***	0,348	***	***
38	***	***	***	***	0,392	0,45	***
40	***	***	0,284	***	0,415	0,538	0,654
44	***	***	0,32	***	0,420	0,60	0,73
45	***	***	0,32	***	0,47	***	***
50	***	***	0,359	***	0,527	0,688	0,841
50	***	0,270	***	***	***	***	***
56	***	***	0,41	***	0,60	0,78	0,96
60	***	***	0,433	***	0,639	0,837	1,028
64	***	***	0,47	***	0,69	0,90	1,11
70	***	***	0,508	***	0,751	0,986	1,214
76	***	***	***	***	0,830	1,09	1,34
80	***	***	0,590	***	0,863	1,136	1,401
90	***	***	***	***	0,975	1,285	1,588
100	***	***	***	***	1,087	1,435	1,775
110	***	***	***	***	1,199	1,584	1,962
120	***	***	0,89	***	1,312	1,750	2,149
130	***	***	***	***	1,440	1,900	2,360
133	***	***	***	***	1,457	***	2,391
134	***	***	***	***	1,48	1,96	2,43
150	***	***	***	***	1,648	2,182	2,709
160	***	***	***	***	1,770	2,350	2,92
170	***	***	***	***	1,89	2,50	3,11
180	***	***	***	***	***	2,631	3,30
200	***	***	***	***	2,208	2,929	3,643
220	***	***	***	***	2,45	***	***
230	***	***	***	***	***	3,378	4,204
250	***	***	***	***	2,790	3,677	4,577

3 EXTRUDED POLYCARBONATE TUBES (kg/meter)

External Ø mm	Thickness				
	1,5 mm	2 mm	3 mm	4 mm	5 mm
10	0,050	0,062	0,081	***	***
12	***	0,077	0,104	***	***
13	***	0,083	***	***	***
15	***	0,100	0,139	***	***
16	***	0,106	0,147	***	***
18	***	0,121	0,170	***	***
20	***	0,140	0,197	***	***
22	***	0,151	0,215	***	***
24	***	0,166	0,237	***	***
25	***	0,178	0,255	***	***
26	***	0,181	0,260	***	***
30	***	0,216	0,313	0,402	0,483
32	***	0,226	0,328	***	***
36	***	0,256	0,373	***	***
38	0,210	0,278	0,405	***	***
40	***	0,294	0,429	0,556	0,676
44	***	***	0,463	***	***
50	***	0,370	0,544	0,710	0,870
60	***	0,450	0,660	0,870	1,062
64	***	***	0,690	***	***
70	***	0,525	0,776	1,020	1,260
80	***	0,610	0,892	1,180	1,450
90	***	0,680	1,010	1,330	1,650
100	***	0,760	1,125	1,485	1,835
110	***	***	1,240	1,640	2,030
120	***	***	1,360	1,800	2,220
130	***	***	1,472	***	2,420
134	***	***	1,481	***	***
140	***	***	1,550	2,050	2,540
150	***	***	1,710	2,260	2,800
160	***	***	1,770	***	***
180	***	***	2,001	***	***
200	***	***	2,285	3,030	3,770

4 CAST ACRYLIC SQUARE BARS, FLUOR-ACRYL® SQUARE BARS

Side (mmXmm)	Weight kg/mt	Side (mmXmm)	Weight kg/mt
10x10	0,12	45x45	2,41
12x12	0,17	50x50	2,98
15x15	0,27	55x55	3,60
18x18	0,39	60x60	4,28
20x20	0,48	65x65	5,03
22x22	0,58	70x70	5,83
24x24	0,69	75x75	6,69
25x25	0,74	80x80	7,62
28x28	0,93	85x85	8,60
30x30	1,07	90x90	9,64
34x34	1,38	95x95	10,74
35x35	1,45	100x100	11,90
38x38	1,71	110x110	14,40
40x40	1,90	120x120	17,14

5 EXTRUDED ACRYLIC RODS, FLUOR-ACRYL® RODS, HALF-ROUND RODS, SQUARE BARS, TRIANGLE BARS

XT Acrylic Rods & Bubble Rods		XT Acrylic Half-Round Rods		XT Acrylic Square Bars		XT Acrylic Triangle Bars	
Ø mm	kg/mt	Ø mm	kg/mt	mm	kg/mt	mm	kg/mt
2	0,004	4	0,008	4x4	0,019	5x5x5	0,013
3	0,009	5	0,012	5x5	0,030	8x8x8	0,033
4	0,015	6	0,017	6x6	0,043	10x10x10	0,052
5	0,023	8	0,030	8x8	0,077	15x15x15	0,117
6	0,034	10	0,047	10x10	0,120	20x20x20	0,208
8	0,060	12	0,068	12x12	0,173	25x25x25	0,325
10	0,094	15	0,106	15x15	0,270		
12	0,135	20	0,189	20x20	0,480		
15	0,210	25	0,295	25x25	0,750		
18	0,303						
20	0,374						
25	0,584						
30	0,841						
40	1,50						

6 CAST ACRYLIC RODS, FLUOR-ACRYL® RODS

∅ mm	Weight kg/mt
5	0,023
6	0,034
7	0,046
8	0,060
9	0,076
10	0,093
11	0,113
12	0,135
13	0,158
14	0,183
15	0,210
16	0,239
17	0,270
18	0,303
19	0,337
20	0,374
21	0,412
22	0,452
23	0,494
24	0,538
25	0,584
26	0,631
27	0,681
28	0,732
30	0,841
32	0,956
34	1,080
35	1,144

∅ mm	Weight kg/mt
36	1,211
38	1,349
40	1,495
45	1,892
50	2,335
55	2,826
60	3,363
65	3,947
70	4,577
75	5,255
80	5,979
85	6,749
90	7,567
95	8,431
100	9,342
110	11,303
120	13,452
130	15,787
140	18,309
150	21,018
160	23,914
170	26,997
180	30,266
190	33,723
200	37,366

7 HIGH IMPACT PROFILES (gr/meter)

L-Profile Code	Standard Length mm	a mm	b mm	c mm	Weight gr/meter
L-101 Ø	2000/3000/6000	10	10	1,2	40
L-102 Ø	2000/3000/6000	15	15	3	86
L-103	2000/3000/6000	20	20	2	83
L-104	2000/3000/6000	25	25	2	120

U-Profile Code	Standard Length mm	a mm	b mm	c mm	d mm	Weight gr/meter
U-201 Ø	2000/3000/6000	15	3,2	3,5	3,5	120
U-202	2000/3000/6000	8	4	2	2	43
U-203	2000/3000/6000	10	5	2	2	45
U-204	2000/3000/6000	13	10	2,5	2,5	75

U-Grip Profile Code	Standard Length mm	a mm	b mm	c mm	d mm	Weight gr/meter
U-301	2000/3000/6000	9,5	6	4	1,2	43
U-302 Ø	2000/3000/6000	13	8	3	1,4	50
U-303	2000/3000/6000	16	10	8	1,6	109
U-304	2000/3000/6000	17	12	10	1,5	115

H-Profile Code	Standard Length mm	a mm	b mm	c mm	Weight gr/meter
H-401 Ø	2000/3000/6000	11	3,2	1,7	44
H-402 Ø	2000/3000/6000	17,5	4	1,4	60
H-403	2000/3000/6000	21	5	1,6	92
H-404	2000/3000/6000	24	6	1,8	127

8 ACRYLIC ACCESSORIES

8.1 CAST ACRYLIC DOMES (*kg/piece*)

∅ mm	Thickness mm	Weight kg/piece
mm.100	mm.3	0,037
mm.160	mm.3	0,093
mm.180	mm.3	0,120
mm.200	mm.3	0,145
mm.215	mm.3	0,170
mm.300	mm.3	0,350
mm.300	mm.5	0,540
mm.380	mm.3	0,520
mm.380	mm.5	0,870
mm.400	mm.3	0,580
mm.400	mm.5	1,000
mm.450	mm.3	0,75
mm.450	mm.5	1,250
mm.500	mm.3	0,900
mm.500	mm.5	1,500
mm.600	mm.3	1,300
mm.600	mm.5	2,200
mm.700	mm.5	3,000
mm.750	mm.5	3,400
mm.1000	mm.5	6,700

8.2 CAST ACRYLIC SPHERES (*kg/piece*)

∅ mm	Weight kg/piece
60	0,10
65	0,15
70	0,20
75	0,26
80	0,32
85	0,40
90	0,46
95	0,55
100	0,62
120	1,20
140	2,00
150	2,20

8.3 ACRYLIC HINGES (*gr/piece*)

Article Code	<i>mmXmm</i>	Weight <i>gr / piece</i>
HINGE1	24x31	2,40
HINGE2	38x45	5,00
HINGEW	34x1000	134,60

8.4 ACRYLIC KNOBS (*gr/piece*)

Article Code	∅ <i>mm</i>	Weight <i>gr / piece</i>
POM10	OD.mm.10	0,60
POM12	OD.mm.12	1,00
POM16	OD.mm.16	2,30
POM22	OD.mm.22	6,40
POM25	OD.mm.25	9,40

8.5 ACRYLIC LOCK SET (2 PCS) (*gr/set*)

Article Code	<i>mmXmm</i>	Weight <i>gr / set</i>
SET3	20x40	5,20

8.6 ACRYLIC BOLTS (CROSS SLOT) and NUTS (*gr/piece*)

Article Code	<i>mmXmm</i>	Weight <i>gr / piece</i>
VITE4X12	mm.4x12 diameter mm.4 total length mm.10 diameter head mm.7 length stem mm.9	0,20
VITE4X18	mm.4x18 diameter mm.4 total length mm.18 diameter head mm.7 length stem mm.15	0,30
VITE5X15	mm.5x15 diameter mm.5 total length mm.15 diameter head mm.9 length stem mm.12	0,40
VITE5,8x34	mm. 5x15 Diameter mm.5 Total length mm.15 Hexagonal head mm.10 Length stem mm.30	1,20
DADO4	Hexagonal Nut M4 CH mm.7 Thickness mm.3	0,10
DADO5	Hexagonal Nut M5 CH mm.8 Thickness mm.4	0,20
DADO5,8	Hexagonal Nut M5,8 / wrench mm.10 Thickness mm.5	0,40

8.7 ACRYLIC BALLS (*gr/piece*)

Article Code	<i>mmXmm</i>	Weight <i>gr / piece</i>
BALL20	OD 20 mm	4,90
BALL30	OD 30 mm	16,20
BALL40	OD 40 mm	39,10
BALL60	OD 60 mm	132,30