PERFECT DOCUMENT CREATION

New Concept Former (NCF6) Production Speeds & Filament Yield Sheet

(4:1 or .2475" or 6mm pitch)

A4 Coil (322 mm)

Diameter	Time(sec) / A4 piece	Time(min) / 100 A4 pcs.	Pieces (A4) / Hr.	Weight(Kg.) / 100 pcs.	Pieces (A4) / Kg.**	Pieces (A4) / Spool**
6 mm	1.76	2.93	1939	0.41	244.66	2774
7 mm	1.85	3.08	1840	0.46	218.40	2477
8 mm	2.04	3.40	1668	0.51	197.13	2235
9 mm	2.16	3.60	1578	0.56	179.54	2036
10 mm	2.38	3.97	1431	0.69	145.43	1649
11 mm	2.61	4.35	1303	0.74	134.42	1524
12 mm	2.74	4.56	1243	0.80	125.00	1417
13 mm	3.11	5.18	1095	0.86	116.74	1324
14 mm	3.24	5.39	1052	1.15	86.81	984
15 mm	3.56	5.94	955	1.22	81.72	927
16 mm	3.70	6.17	920	1.29	77.30	877
17 mm	3.97	6.61	858	1.36	73.30	831
18 mm	4.56	7.60	747	1.78	56.20	637
19 mm	4.67	7.79	728	1.87	53.62	608
20 mm	4.99	8.32	682	1.95	51.20	581
23 mm	5.52	9.20	617	2.21	45.20	513
25 mm	6.87	11.46	495	2.56	39.11	443
28 mm	7.96	13.27	428	2.83	35.27	400
30 mm	8.57	14.28	397	3.02	33.11	375

A5 Coil (235 mm)

Diameter	Time(sec) / A5 piece	Time(min) / 100 A5 pcs.	Pieces (A5) / Hr.	Weight(Kg.) / 100 pcs.	Pieces (A5) / Kg.**	Pieces (A5) / Spool**
6 mm	1.28	2.13	2813	0.30	335.66	3806
7 mm	1.35	2.25	2669	0.33	299.62	3398
8 mm	1.49	2.48	2420	0.37	270.45	3067
9 mm	1.57	2.62	2289	0.41	246.31	2793
10 mm	1.73	2.89	2076	0.50	199.52	2262
11 mm	1.90	3.17	1891	0.54	184.42	2091
12 mm	2.00	3.33	1803	0.58	171.49	1945
13 mm	2.27	3.78	1589	0.62	160.16	1816
14 mm	2.36	3.93	1526	0.84	119.09	1350
15 mm	2.60	4.33	1386	0.89	112.11	1271
16 mm	2.70	4.50	1334	0.94	106.05	1203
17 mm	2.89	4.82	1245	0.99	100.56	1140
18 mm	3.32	5.54	1084	1.30	77.11	874
19 mm	3.41	5.68	1057	1.36	73.56	834
20 mm	3.64	6.06	989	1.42	70.24	797
23 mm	4.02	6.71	895	1.61	62.01	703
25 mm	5.01	8.35	719	1.86	53.65	608
28 mm	5.80	9.67	620	2.07	48.39	549
30 mm	6.24	10.41	577	2.20	45.42	515

Yields are based on standard Plastikoil® filament profiles. Thinner profiles may yield as much as 40% more

Standard Plastikoil® Filament Profiles	Corresponding Coil Diameters
1.8mm (.072")	6mm - 9mm
2.0mm (.080")	10mm - 13mm
2.2mm (.088")	14mm - 17mm
2.4mm (.096")	18mm - 23mm
2.6mm (.104")	25mm - 30mm

PLASTIKOIL®'s Elliptical Filament Means Higher Yields per Pound

Round: *spherical, circular*
Elliptical: *oval*

PDC Perfect Document Creation has been manufacturing plastic spiral binding for over a decade. We extrude the raw material at our West London factory. For years we have talked about the benefits of an elliptical profile of plastic filament.

In addition to comparing price per Kilo, customers need to also compare yield per Kilo. An elliptical profile results in higher yields per Kilo which equates to more formed coil per Kilo resulting in more finished books.

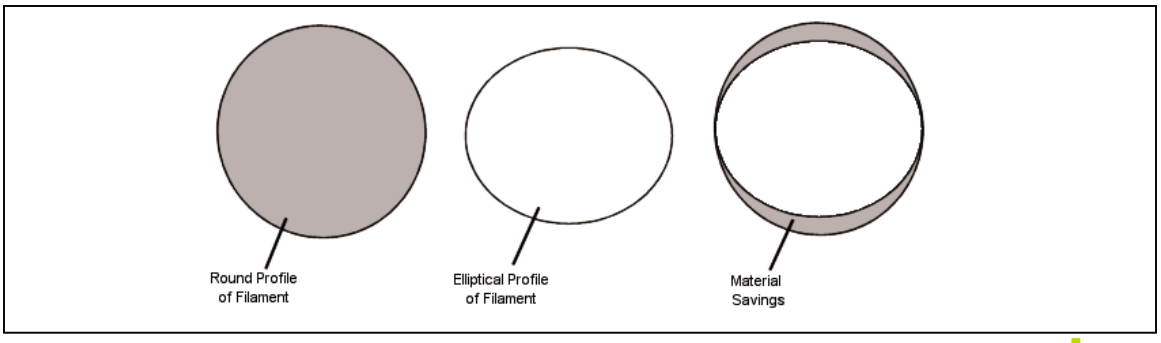
It's really quite simple.

11.5 kgs of PLASTIKOIL® elliptical filament -
will yield 1649 pieces of 10 mm coil – A4 lengths – 4:1 pitch

11.5 kgs of a competitor's round filament –
average yield – 1286 pieces of 10 mm coil – A4 lengths – 4:1 pitch

So you would need to purchase an additional 3.2 kgs of the round filament (14.70 kgs total) to produce the same number of coil that a 11.5 kg spool of PLASTIKOIL® filament produced. That's the reality of it.

The width of the ellipse will run parallel to the bound book's binding edge. Most customers are not able to recognize any difference. However you – as the manufacturer – will see significant savings in material costs and improved productivity. The elliptical profile has even been proven to work better and run easier on automated coil insertion equipment.



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