

**AVSL INDUSTRIES LTD , BHIWADI****Specification for PVC Fillers**

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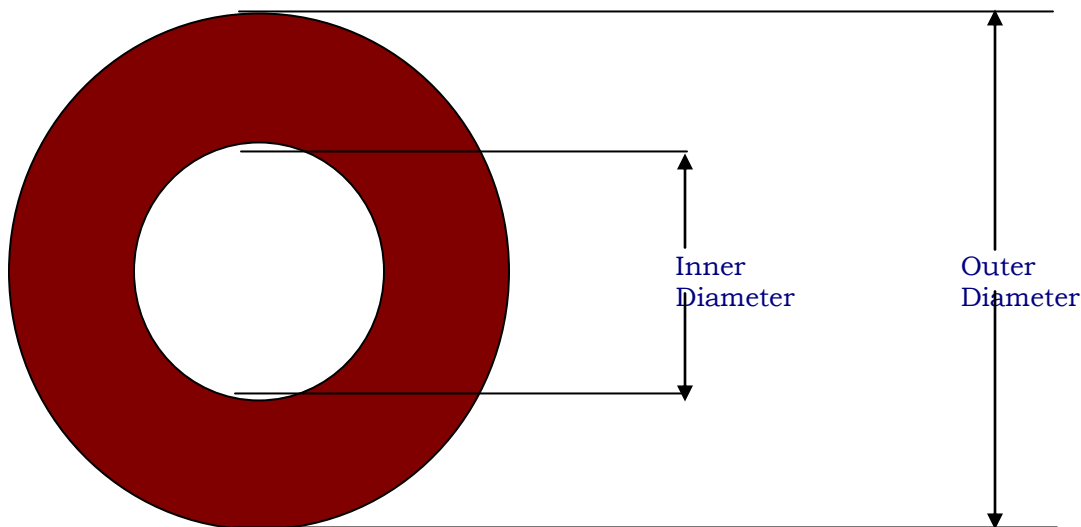
**1. General**

The PVC Fillers are play an important role during Twisting of cables  
PVC Fillers are used to fill Intersects between the cores

**2: MATERIALS :** Materials require for construction of PVC Fillers are Non-Hygroscopic PVC

**3: Dimensions of Fillers**

Detailed dimensions of Fillers depends upon core diameter  
Major dimension of Fillers are in accordance with table -1.



Ovelity should not more then 15 %.

**INSPECTION :**

**10 % of supplied Coils shall be selected at random for incoming inspection as per spec.& in case any coil found not confirming the respective parameters the all lot will be rejected.**

Prepared By	Verified By	Approved By	Date of issue : 01.10.10 Revision : 001
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**AVSL INDUSTRIES LTD.( Cable Division )- BHIWADI**  
**Specification for PVC Fillers**

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SI No.	Outer Dia (mm)	Inner Dia (mm)	MAXIMUM Weight (gm/mtr)
1	3.50	0.00	16.4
2	4.00	0.00	21.4
3	4.50	0.00	27.0
4	5.00	0.00	33.4
5	5.50	0.00	40.4
6	6.00	0.00	48.1
7	6.50	0.00	56.4
8	7.00	0.00	65.4
9	7.50	0.00	75.1
10	8.00	0.00	85.5
11	8.50	3.80	77.2
12	8.80	3.94	82.7
13	9.10	4.04	88.5
14	9.30	4.16	92.4
15	9.60	4.29	98.4
16	9.70	4.34	101
17	9.90	4.43	105
18	10.10	4.52	109
19	10.20	4.56	111
20	10.60	4.74	120
21	10.80	4.83	125
22	11.00	4.92	129
23	11.30	5.05	136
24	11.60	5.19	144
25	11.80	5.28	149
26	12.10	5.41	156
27	12.40	5.55	164
28	12.90	6.45	167

29	12.90	6.45	167
30	13.10	6.55	172
31	13.20	6.60	174
32	13.60	6.80	185
33	13.80	6.90	191
34	14.00	7.00	196
35	14.20	7.10	202
36	14.40	7.20	208
37	14.60	7.30	213
38	15.00	7.50	225
39	15.10	7.55	228
40	15.60	7.80	244
41	15.80	7.90	250
42	16.10	8.05	260
43	16.60	8.30	276
44	16.70	8.35	279
45	17.30	8.65	300
46	17.60	8.80	310
47	18.20	9.10	332
48	18.40	10.08	313
49	19.40	10.63	342
50	21.00	11.50	412

*Surface should be smooth*

*Ovality should not more than 15 %. - Ovality in dia = (Dmax- Dmin/ Dmax )X100*

*Tolarence on Outer diameter is ± 2.5 %.*

*Inner diameter is for guideline only.*

*The Filler shall be wrapped round its own diameter to form a close helix of 6 turns and unwrapped no crack*

- Indicated Filler Weight are maximum not to exceed the limit and shall not be acceptable .*

**" FILLER SHOULD NOT RELEASE ANY STAINS/ CHEMICAL DURING THE ENVIRONMENTAL EXPOSURE".**

<i>Prepared By</i>	<i>Verified By</i>	<i>Approved By</i>	<i>Date of issue : 01.10.10 Revision : 002</i>
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