

Fiber Glass Fabric: ASAHI KASEI E-MATERIALS CORPORATION 2009/4

ASCO Style	IPC Style	Fabric Counts (Yarn US System) Warp×Fill (Per Inch)	Weight (g/m <sup>2</sup> )	Thickness (mils) (mm)	
1 0 0 0	1 0 0 0	8 5 (BC3000) × 8 5 (BC3000)	11.0	0.4	0.010 (MS)
1 0 1 7	1 0 1 7	9 5 (BC3000) × 9 5 (BC3000)	12.0	0.5	0.013 (MS)
1 0 2 7	1 0 2 7	7 5 (BC1500) × 7 5 (BC1500)	20.0	0.8	0.020 (MS)
1 0 1	1 0 1	7 5 (D1800) × 7 5 (D1800)	17.0	1.0	0.026
1 0 3 7	1 0 3 7	7 0 (C1200) × 7 3 (C1200)	24.0	1.1	0.028 (MS)
1 0 3 8		7 3 (C1200) × 7 0 (C1200)	24.0	1.1	0.028 (MS)
1 0 3 5	1 0 3 5	6 6 (D900) × 6 8 (D900)	30.0	1.2	0.030 (MS)
1 0 6 4		7 0 (D900) × 6 8 (D900)	30.0	1.3	0.032 (MS)
1 0 6 7	1 0 6 7	7 0 (D900) × 7 0 (D900)	31.0	1.3	0.032 (MS)
1 0 4	1 0 4	6 0 (D900) × 5 2 (D1800)	19.0	1.4	0.035
1 0 6	1 0 6	5 6 (D900) × 5 6 (D900)	25.0	1.5	0.039
1 0 6 6	6 0 6 0	6 0 (DE600) × 6 0 (DE600)	39.0	1.9	0.048
1 0 8 0	1 0 8 0	6 0 (D450) × 4 7 (D450)	48.0	2.2 1.8	0.055 0.045 (MS)
1 0 7 9	1 0 7 8	5 4 (D450) × 5 4 (D450)	47.0	1.8	0.045 (MS)
1 0 8 4		5 6 (D450) × 5 4 (D450)	49.0	1.8	0.045 (MS)
1 0 8 5		6 0 (D450) × 5 8 (D450)	53.0	2.0	0.050 (MS)
1 0 8 6	1 2 8 0	6 0 (D450) × 6 0 (D450)	54.0	2.0	0.050 (MS)
2 1 1 6	2 1 1 6	6 0 (E225) × 5 8 (E225)	104.5	3.8	0.096
2 1 1 7	2 1 1 7	6 5 (E225) × 5 5 (E225)	105.0	3.6	0.091
2 1 1 2	2 1 1 2	4 0 (E225) × 3 9 (E225)	70.0	3.0	0.077
2 1 1 3	2 1 1 3	6 0 (E225) × 5 6 (D450)	78.0	3.1	0.078
2 3 1 3	2 3 1 3	6 0 (E225) × 6 4 (D450)	82.0	3.3	0.083
3 3 1 3	3 3 1 3	6 0 (DE300) × 6 2 (DE300)	80.0	3.1 2.8	0.08 0.070 (MS)
2 1 5		6 9 (E225) × 5 5 (E225)	109.0	3.7	0.095
2 3 1 9	2 3 1 9 <sup>※1</sup>	6 0 (E225) × 4 6 (E225)	94.0	3.3	0.084
2 5 8		6 2 (E225) × 5 8 (E225)	106.0	3.6	0.092
2 1 1 4	2 1 1 4	5 6 (E225) × 4 8 (E225)	91.5	3.5	0.089
1 1 1 6	1 1 1 6	6 0 (D225) × 5 8 (D225)	105.0	3.4	0.087 (MS)
1 5 0 0	1 5 0 0	4 9 (E110) × 4 2 (E110)	164.0	5.5	0.140
1 5 4 0		5 2 (E110) × 4 2 (E110)	170.0	5.7	0.145
1 5 4 5	1 5 0 1	4 6 (E110) × 4 5 (E110)	165.0	5.5	0.140
2 1 5 7	2 1 5 7	6 0 (E225) × 3 5 (G75)	147.0	5.9	0.150
7 6 2 8 (210g)	7 6 2 9	4 4 (G75) × 3 2 (G75)	210.0	7.1	0.180

The mentioned data is not guarantee value but standard one.

Designation System	Nominal Filament Diameter (μm)	Nominal Length per Unit Weight (yard/lb*100)	Nominal Number of Filaments
B C	4	3 0 0 0	5 0
	4	1 5 0 0	1 0 0
C	4. 5	1 2 0 0	1 0 0
	4. 5	6 0 0	2 0 0
	4. 5	3 0 0	4 0 0
D	5	1 8 0 0	5 0
	5	9 0 0	1 0 0
	5	4 5 0	2 0 0
	5	2 2 5	4 0 0
D E	6	6 0 0	1 0 0
	6	3 0 0	2 0 0
	6	1 5 0	4 0 0
	6	7 5	8 0 0
	6	3 7	1 6 0 0
E	7	2 2 5	2 0 0
	7	1 1 0	4 0 0
G	9	1 5 0	2 0 0
	9	7 5	4 0 0
	9	3 7	8 0 0

※1 : 2 3 1 9 IPC Style 6 0 (E225) × 4 9 (E225)

**AsahiKASEI**

Tsukasa Tawa

Manager  
Sales & Marketing Department  
Electronics Insulation Materials Division

**ASAHI KASEI E-MATERIALS CORPORATION**

1-105 Kanda Jinbocho, Chiyoda-ku, Tokyo 101-8101, Japan  
Tel: +81-3-3296-3990 Direct: +81-3-3296-5131  
Fax: +81-3-3296-3916 Mobile: +81-(0)80-1274-4842  
E-mail: tawa.tb@om.asahi-kasei.co.jp



ASCO Style	IPC Style	Fabric Counts (Yarn US System) Warp×Fill (Per Inch)	Weight (g/m <sup>2</sup> )	Thickness (mils) (mm)	
1 0 0 0	1 0 0 0	8 5 (BC3000) × 8 5 (BC3000)	11.0	0.4	0.010 (MS)
1 0 1 7	1 0 1 7	9 5 (BC3000) × 9 5 (BC3000)	12.0	0.5	0.013 (MS)
1 0 2 7	1 0 2 7	7 5 (BC1500) × 7 5 (BC1500)	20.0	0.8	0.020 (MS)
1 0 1	1 0 1	7 5 (D1800) × 7 5 (D1800)	17.0	1.0	0.026
1 0 3 7	1 0 3 7	7 0 (C1200) × 7 3 (C1200)	24.0	1.1	0.028 (MS)
1 0 3 8		7 3 (C1200) × 7 0 (C1200)	24.0	1.1	0.028 (MS)
1 0 3 5	1 0 3 5	6 6 (D900) × 6 8 (D900)	30.0	1.2	0.030 (MS)
1 0 6 4		7 0 (D900) × 6 8 (D900)	30.0	1.3	0.032 (MS)
1 0 6 7	1 0 6 7	7 0 (D900) × 7 0 (D900)	31.0	1.3	0.032 (MS)
1 0 4	1 0 4	6 0 (D900) × 5 2 (D1800)	19.0	1.4	0.035
1 0 6	1 0 6	5 6 (D900) × 5 6 (D900)	25.0	1.5	0.039
1 0 6 6	6 0 6 0	6 0 (DE600) × 6 0 (DE600)	39.0	1.9	0.048
1 0 8 0	1 0 8 0	6 0 (D450) × 4 7 (D450)	48.0	2.2 1.8	0.055 0.045 (MS)
1 0 7 9	1 0 7 8	5 4 (D450) × 5 4 (D450)	47.0	1.8	0.045 (MS)
1 0 8 4		5 6 (D450) × 5 4 (D450)	49.0	1.8	0.045 (MS)
1 0 8 5		6 0 (D450) × 5 8 (D450)	53.0	2.0	0.050 (MS)
1 0 8 6	1 2 8 0	6 0 (D450) × 6 0 (D450)	54.0	2.0	0.050 (MS)
2 1 1 6	2 1 1 6	6 0 (E225) × 5 8 (E225)	104.5	3.8	0.096
2 1 1 7	2 1 1 7	6 5 (E225) × 5 5 (E225)	105.0	3.6	0.091
2 1 1 2	2 1 1 2	4 0 (E225) × 3 9 (E225)	70.0	3.0	0.077
2 1 1 3	2 1 1 3	6 0 (E225) × 5 6 (D450)	78.0	3.1	0.078
2 3 1 3	2 3 1 3	6 0 (E225) × 6 4 (D450)	82.0	3.3	0.083
3 3 1 3	3 3 1 3	6 0 (DE300) × 6 2 (DE300)	80.0	3.1 2.8	0.08 0.070 (MS)
2 1 5		6 9 (E225) × 5 5 (E225)	109.0	3.7	0.095
2 3 1 9	2 3 1 9 <sup>※1</sup>	6 0 (E225) × 4 6 (E225)	94.0	3.3	0.084
2 5 8		6 2 (E225) × 5 8 (E225)	106.0	3.6	0.092
2 1 1 4	2 1 1 4	5 6 (E225) × 4 8 (E225)	91.5	3.5	0.089
1 1 1 6	1 1 1 6	6 0 (D225) × 5 8 (D225)	105.0	3.4	0.087 (MS)
1 5 0 0	1 5 0 0	4 9 (E110) × 4 2 (E110)	164.0	5.5	0.140
1 5 4 0		5 2 (E110) × 4 2 (E110)	170.0	5.7	0.145
1 5 4 5	1 5 0 1	4 6 (E110) × 4 5 (E110)	165.0	5.5	0.140
2 1 5 7	2 1 5 7	6 0 (E225) × 3 5 (G75)	147.0	5.9	0.150
7 6 2 8 (210g)	7 6 2 9	4 4 (G75) × 3 2 (G75)	210.0	7.1	0.180

The mentioned data is not guarantee value but standard one.

Designation System	Nominal Filament Diameter (μm)	Nominal Length per Unit Weight (yard/lb*100)	Nominal Number of Filaments
B C	4	3 0 0 0	5 0
	4	1 5 0 0	1 0 0
C	4. 5	1 2 0 0	1 0 0
	4. 5	6 0 0	2 0 0
	4. 5	3 0 0	4 0 0
D	5	1 8 0 0	5 0
	5	9 0 0	1 0 0
	5	4 5 0	2 0 0
	5	2 2 5	4 0 0
D E	6	6 0 0	1 0 0
	6	3 0 0	2 0 0
	6	1 5 0	4 0 0
	6	7 5	8 0 0
	6	3 7	1 6 0 0
E	7	2 2 5	2 0 0
	7	1 1 0	4 0 0
G	9	1 5 0	2 0 0
	9	7 5	4 0 0
	9	3 7	8 0 0

※1 : 2 3 1 9 IPC Style 6 0 (E225) × 4 9 (E225)

**AsahiKASEI**

Tsukasa Tawa

Manager  
Sales & Marketing Department  
Electronics Insulation Materials Division

**ASAHI KASEI E-MATERIALS CORPORATION**

1-105 Kanda Jinbocho, Chiyoda-ku, Tokyo 101-8101, Japan  
Tel: +81-3-3296-3990 Direct: +81-3-3296-5131  
Fax: +81-3-3296-3916 Mobile: +81-(0)80-1274-4842  
E-mail: tawa.tb@om.asahi-kasei.co.jp

