



Amorphous Gap Core Properties

Saturate induction / Bs (T)	1.56	Magnetostriction / λ_s	27×10^{-6}
Curie temperature (°C)	400	Density ρ (g/cm ³)	7.18
Crystallization (°C)	515	Resistivity δ ($\mu\Omega \cdot \text{cm}$)	130
Hardness / Hv	960	Thickness (μm)	28~35

Amorphous PFC Core Specification

Part No.	Core dimension	Finished Core Dimension			Characteristics Parameters						
	OD(mm) xID(mm) xHT(mm)	OD (mm)	ID (mm)	HT (mm)	Le (mm)	Ae (cm ²)	Wa (cm ²)	Vol (cm ³)	Wa x Ae (cm ⁴)	μ	A1 (nH/N ²)
PFC-0016-c	15x10x5	18	8	7	3.93	0.11	0.50	0.43	0.06	100	34.4
PFC-0011-w	18x11x10	21	9	13	4.55	0.31	0.64	1.41	0.2	100	83
PFC-0054-w	25x15x10	30	11	13	6.28	0.43	0.95	2.70	0.41	100	86
PFC-0009-b	26x16x10	29	13	13	6.59	0.43	1.33	2.83	0.57	100	47.2
PFC-0030-b	30x20x15	34	17	19	7.85	0.65	2.27	5.10	1.48	100	103
PFC-0027-b	40x25x10	45	21	13	10.2	0.64	3.46	6.53	2.21	100	79.3
PFC-0019-b	40x25x15	45	21	19	10.21	0.97	3.46	9.90	3.36	100	119
PFC-0005	40x25x20	45	21	25	10.36	2.06	3.46	21.34	7.13	100	159
PFC-0043-b	46x27x20	51	23	25	11.46	3.26	4.15	37.36	13.53	100	358
PFC-0020-b	50x32x15	55	28	19	12.87	1.16	6.15	14.93	7.13	100	113
PFC-0003-b	50x32x20	55	28	25	12.87	1.55	6.15	19.95	9.53	100	151
PFC-0021-b	64x40x15	69	36	19	15.7	1.29	10.17	20.25	13.12	100	103
PFC-0061-b	70x40x25	75	36	30	17.27	3.23	10.17	55.78	32.85	100	235
PFC-0004-b	80x50x25	86	46	30	20.41	3.23	16.61	65.92	51.36	100	199
PFC-0002-b-03	80x50x40	85	46	45	20.41	5.16	16.61	105.32	89.47	100	318
PFC-0017-b-02	100x60x20	105	55	25	25.12	3.44	23.75	86.41	84.69	100	172
PFC-0039-b-03	100x60x40	105	55	45	25.12	6.88	23.75	172.83	163.4	100	344

Note: Customized core sizes available.





Amorphous PFC Core Specification

No.	Part Number	Core dimensions (mm)			Finished core size (mm)			Le (mm)	Ae (cm ²)	Weight	μ	AT (Ref)
		OD	ID	HT	OD (MAX)	ID (MAX)	HT (MAX)					
1#	AC-0109-c	6	3	3	6.5	2.5	3.5	1.414	0.039	0.393	1600	7
2#	AC-0232-c	6.5	3.5	3.2	7.3	2.7	3.8	1.571	0.041	0.466	1600	7
3#	AC-0036-w	13	8	8	15	6	10	3.299	0.172	4.074	1000	22
4#	AC-0093-w	15	9	5	17.5	7.5	7	3.770	0.129	3.492	300	65
5#	AC-0142-w	15	9.5	8	17	7.5	10	3.848	0.189	5.228	800	36
6#	AC-0091-w	16	10	8	18.5	8	10.5	4.084	0.206	6.052	950	25
7#	AC-0152-w	18	11	8	20.8	8.3	10.7	4.555	0.241	7.876	600	47
8#	AC-0082-w	18	11	10	21	8.3	13	4.555	0.301	9.845	300	85
9#	AC-0167-w	20	10	5	24	7.5	7.5	4.712	0.215	7.275	1050	26
10#	AC-0163-w	20	12	10	23	10.2	12.6	5.027	0.344	12.415	800	41
11#	AC-0014-w	22	13	10	26	9.5	14	5.498	0.387	15.276	170	200
12#	AC-0181-b	28	16	25	33	12	29	6.911	1.290	64.016	600	70
13#	TSAC-0218-w	28	19	12	30.5	16.5	13.5	7.383	0.464	24.617	550	110
14#	AC-0240-b	35	20	30	39	17	34	8.639	1.935	120.029	400	130
15#	AC-0225-c	37	25.5	15	38.5	24	16.2	9.817	0.742	52.286	250	220
16#	AC-0259-b	40	25	15	44	21	19	10.210	0.968	70.926	550	110
17#	AC-0154-b	50	32	20	54	27.5	24	12.881	1.548	143.162	250	300
18#	AC-0062-b	58	38	20	62.5	34	24	15.080	1.720	186.227	5000	17
19#	AC-0260	120	30	40	123	28	43	23.562	15.480	2618.823	400	250
20#	AC-0256	150	40	40	153	37	42	29.845	18.920	4054.326	600	500
21#	AC-0230-b	160	130	25	165.5	124.5	30.5	45.553	3.225	1054.804	4000	65

Note: Customized core sizes available.

