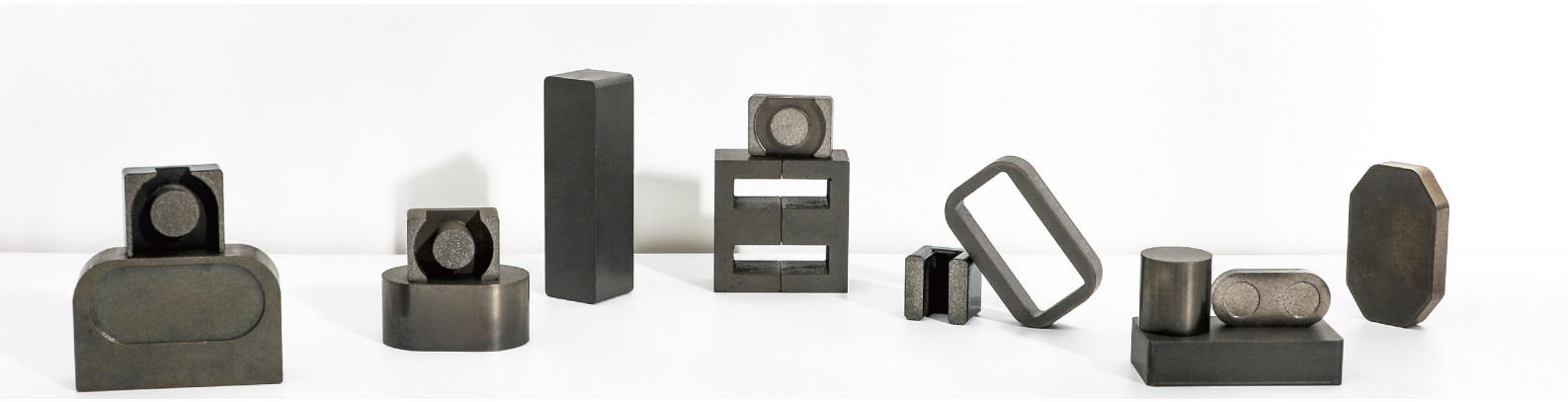


Toroidal

The size of toroidal powder core ranges from 0.5 to 6.5 inches, making it particularly suitable for high frequency and high current applications.

NPX Series	NPA Series	GPV Series	NPV Series
GPC Series	NPC Series	NPF Series	NPH Series
NPH-L Series	PPI Series	NPU Series	NPN Series
NPN-LH Series			

Features

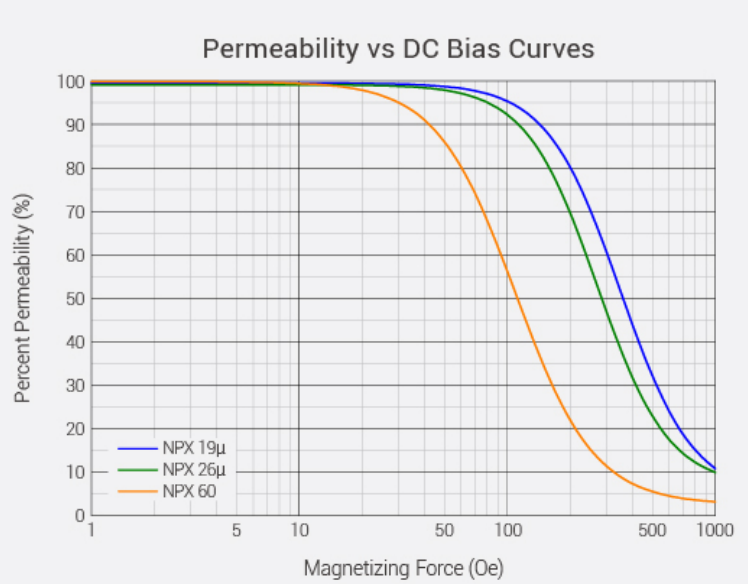
· Distributed air gap
· Ultra-low core loss
· Near zero magnetostriction
· Excellent temperature & frequency stability

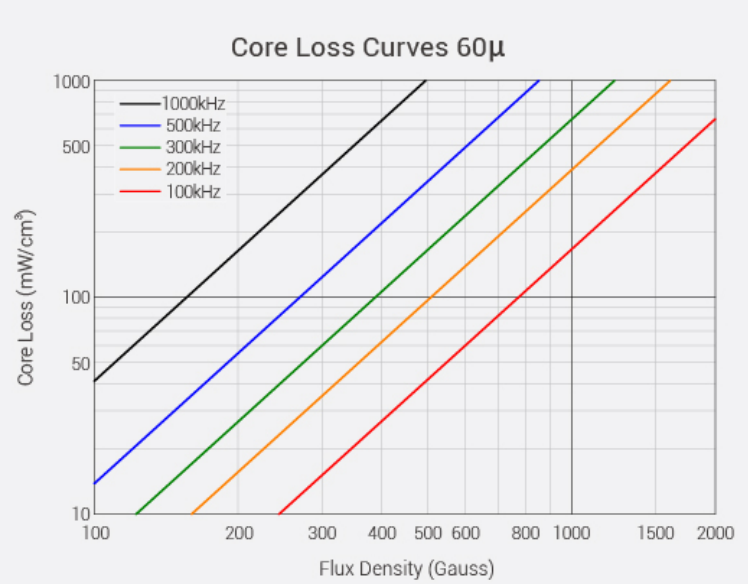
Key metrics

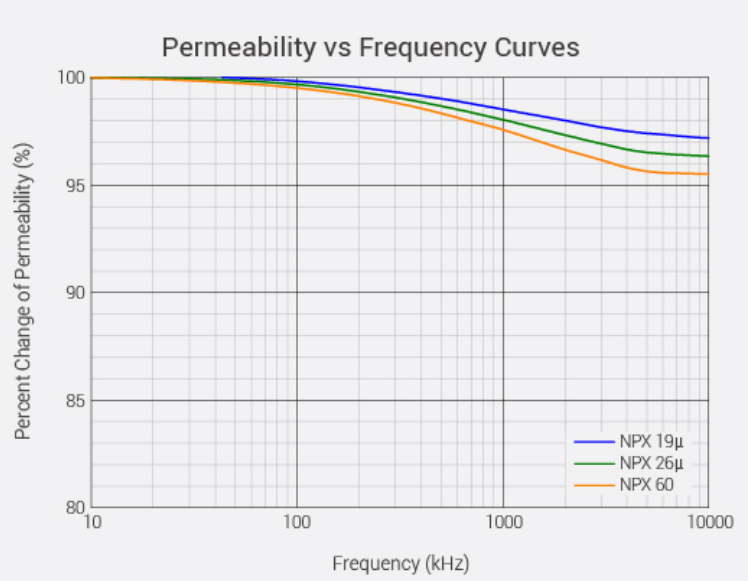
Composition: Fe-Si
Sizes: 050-184mm

Flux density: 0.95T

Property Curves







* If you need to request more product information, please contact us.

Details | Request Sample

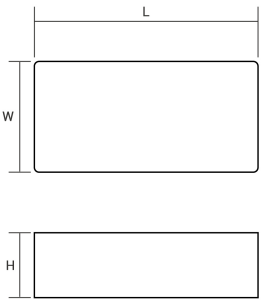
Part Number	µ	AL(nH/N²)	Wa(cm²)	Ae(cm²)	Le(cm)	Ve(cm³)	Dimen		
							Before coating		
							OD(max)	ID(min)	HT(max)
NPX050019	19	8.7	0.383	0.111	3.12	0.356	12.70	7.62	4.75
NPX050026	26	12	0.383	0.111	3.12	0.356	12.70	7.62	4.75
NPX050060	60	27	0.383	0.111	3.12	0.356	12.70	7.62	4.75
NPX065019	19	11	0.713	0.192	4.11	0.789	16.64	10.16	6.35
NPX065026	26	15	0.713	0.192	4.11	0.789	16.64	10.16	6.35
NPX065060	60	35	0.713	0.192	4.11	0.789	16.64	10.16	6.35

							OD(max)	ID(min)	HT(max)
NPX068019	19	13.8	0.638	0.232	4.14	0.961	17.27	9.65	6.35
NPX068026	26	19	0.638	0.232	4.14	0.961	17.27	9.65	6.35
NPX068060	60	43	0.638	0.232	4.14	0.961	17.27	9.65	6.35
NPX080019	19	10	1.140	0.226	5.09	1.151	20.32	12.70	6.35
NPX080026	26	14	1.140	0.226	5.09	1.151	20.32	12.70	6.35
NPX080060	60	32	1.140	0.226	5.09	1.151	20.32	12.70	6.35
NPX090019	19	13.8	1.140	0.331	5.67	1.877	22.86	13.97	7.62
NPX090026	26	19	1.140	0.331	5.67	1.877	22.86	13.97	7.62
NPX090060	60	43	1.140	0.331	5.67	1.877	22.86	13.97	7.62
NPX092019	19	16	1.490	0.388	5.88	2.281	23.57	14.40	8.89
NPX092026	26	22	1.490	0.388	5.88	2.281	23.57	14.40	8.89
NPX092060	60	51	1.490	0.388	5.88	2.281	23.57	14.40	8.89
NPX106019	19	23.6	1.560	0.654	6.35	4.154	26.92	14.73	11.18
NPX106026	26	32	1.560	0.654	6.35	4.154	26.92	14.73	11.18
NPX106060	60	75	1.560	0.654	6.35	4.154	26.92	14.73	11.18
NPX107019	19	35	1.220	0.897	6.42	5.758	28.25	13.10	12.05
NPX107026	26	48	1.220	0.897	6.42	5.758	28.25	13.10	12.05
NPX107060	60	112	1.220	0.897	6.42	5.758	28.25	13.10	12.05
NPX130019	19	20	2.930	0.672	8.15	5.477	33.02	19.94	10.67
NPX130026	26	28	2.930	0.672	8.15	5.477	33.02	19.94	10.67
NPX130060	60	61	2.930	0.672	8.15	5.477	33.02	19.94	10.67
NPX131019	19	26.3	2.360	0.844	7.81	6.871	33.27	18.00	11.52
NPX131026	26	36	2.360	0.844	7.81	6.871	33.27	18.00	11.52
NPX131060	60	83	2.360	0.844	7.81	6.871	33.27	18.00	11.52
NPX135019	19	12	4.010	0.454	8.85	4.063	34.29	23.37	8.89
NPX135026	26	16	4.010	0.454	8.85	4.063	34.29	23.37	8.89
NPX135060	60	38	4.010	0.454	8.85	4.063	34.29	23.37	8.89
NPX141019	19	17.6	3.629	0.678	8.98	6.088	35.81	22.35	10.46
NPX141026	26	24	3.629	0.678	8.98	6.088	35.81	22.35	10.46
NPX141060	60	56	3.629	0.678	8.98	6.088	35.81	22.35	10.46
NPX157019	19	25.6	4.270	1.072	9.84	10.549	39.88	24.13	14.48
NPX157026	26	35	4.270	1.072	9.84	10.549	39.88	24.13	14.48
NPX157060	60	81	4.270	1.072	9.84	10.549	39.88	24.13	14.48
NPX158019	19	38.7	3.550	1.537	9.51	15.043	40.13	22.08	17.00
NPX158026	26	53	3.550	1.537	9.51	15.043	40.13	22.08	17.00
NPX158060	60	122	3.550	1.537	9.51	15.043	40.13	22.08	17.00
NPX184019	19	43	4.270	1.990	10.74	21.373	46.74	24.13	18.03
NPX184026	26	59	4.270	1.990	10.74	21.373	46.74	24.13	18.03
NPX184060	60	135	4.270	1.990	10.74	21.373	46.74	24.13	18.03

In addition to traditional toroidal power cores, we also offer a range of special shaped products to meet the needs of various applications.

BLOCK Core | CYLINDER Core | ELLIPSE Core | RHOMBUS Core

EQ Core | SEP Core | EE Core | UU Core



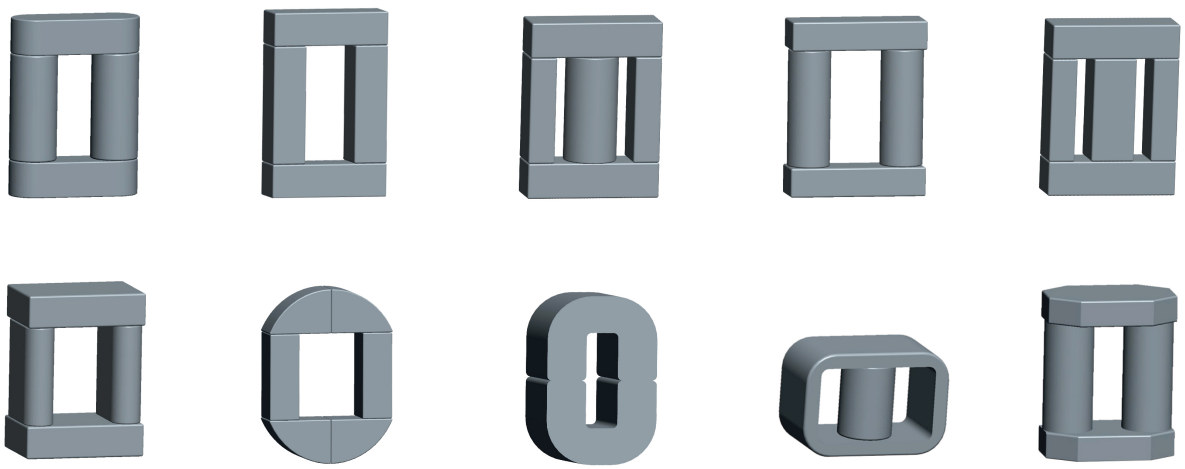
PHD 702020 - 60

- Permeability: 60μ
- L: 70mm, W: 20mm, H: 20mm
- Core Series: NPX,NPA,NPF(PHD),GPC,NPC,NPH,GPV, NPV,NPN,NPS(PBS),NPI,NPH-L,NPN-LH

Details | Request Sample

Combination

The flexible combination of material properties and geometric shapes of powder cores provides ideal choices for customized application devices.



Tips: In addition to the above products, we also provide customization services to meet your needs. Please feel free to contact us.

Follow Us:

About POCO

Products

Services

Resource Center

Join Us