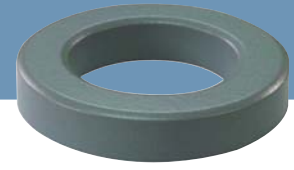


# OD 400

ID 24.13mm  
HT 14.48mm



## » Core dimensions and Physical specifications

Before Coating			After Coating			Physical specifications			
OD, max	ID, min	HT, max	OD, max	ID, min	HT, max	Cross Section (Ae)	Path Length (le)	Window Area (Wa)	Volume (V)
39.88mm	24.13mm	14.48mm	40.7mm	23.3mm	15.37mm	1.072cm <sup>2</sup>	9.84cm	4.26cm <sup>2</sup>	10.5485cm <sup>3</sup>
1.57in	0.95in	0.57in	1.602in	0.917in	0.605in	0.166in <sup>2</sup>	3.874in	841000cmil	0.644in <sup>3</sup>

## » Core Part Number

Permeability (μ)	A <sub>L</sub> (nH/N <sup>2</sup> )	Part Number				DC Resistance (Rdc) per Inductance (Q / mH)
		MPP	High Flux	Sendust	SFlux	
26	35	OR400M026	OR400H026	OR400S026	-	0.1079
60	81	OR400M060	OR400H060	OR400S060	OR400F060	0.0468
75	101	-	-	OR400S075	-	0.0374
90	121	-	-	OR400S090	OR400F090	0.0312
125	168	OR400M125	OR400H125	OR400S125	-	0.0225
147	198	OR400M147	OR400H147	-	-	0.0191
160	215	OR400M160	OR400H160	-	-	0.0175
173	233	OR400M173	-	-	-	0.0162
200	-	-	-	-	-	0.0140

## » Winding Information

AWG wire		Single layer		AWG wire		Single layer		AWG wire		Single layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
8	0.334	18	0.0018	14	0.171	39	0.0155	20	0.088	80	0.1280
9	0.298	21	0.0026	15	0.153	44	0.0221	21	0.079	90	0.1820
10	0.267	24	0.0038	16	0.137	50	0.0317	22	0.070	101	0.2590
11	0.238	27	0.0054	17	0.122	56	0.0446	23	0.063	112	0.3590
12	0.213	31	0.0078	18	0.110	63	0.0636	24	0.057	126	0.5110
13	0.190	35	0.0111	19	0.098	71	0.0902	25	0.051	141	0.7210

## » A<sub>L</sub> value vs. DC Bias characteristics

