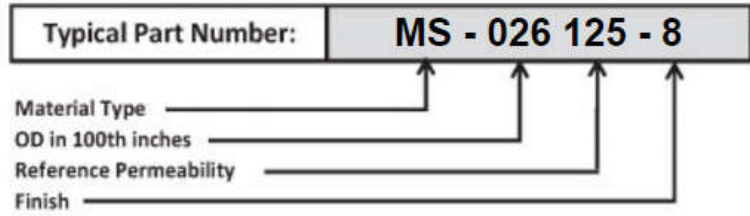
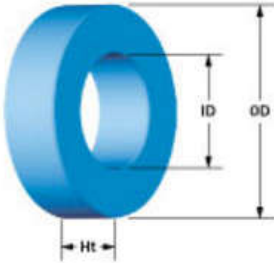


# Спецификация магнитных сердечников Fluxsan FS-026xxx-8

(Информация с сайта <http://micrometalsarnoldpowdercores.com>)



### Physical Dimensions

OD	Bare Core Nominal	6.60 mm	0.260 in
	Coated Core (max)	7.32 mm	0.288 in
ID	Bare Core Nominal	2.67 mm	0.105 in
	Coated Core (min)	2.21 mm	0.087 in
Ht	Bare Core Nominal	4.78 mm	0.188 in
	Coated Core (max)	5.54 mm	0.218 in

### Magnetic Dimensions

<b>Ae</b>	Effective Magnetic Cross Section	0.092 cm <sup>2</sup>
<b>Le</b>	Effective Magnetic Path Length	1.36 cm
<b>Ve</b>	Effective Core Volume	0.125 cm <sup>3</sup>
<b>WA</b>	Minimum Effective Window Area	0.0384 cm <sup>2</sup>
<b>SA</b>	Surface Area	2.44 cm <sup>2</sup>
<b>MLT</b>	Mean Length Per Turn	1.73 cm

### Permeability

### Part Numbers

Reference Permeability	A <sub>L</sub> Value (nH/N <sup>2</sup> )	MS Sendust	SH High Freq. Sendust	MPP Molypermalloy	FluxSan™ Silicon Iron	Hi-Flux™ Nickle Iron	Optilloy™ Optimized Alloy
14μ	12	MS-026014-8		MP-026014-8	FS-026014-8	HF-026014-8	OP-026014-8
26μ	21	MS-026026-8	SH-026026-8	MP-026026-8	FS-026026-8	HF-026026-8	OP-026026-8
40μ	33	MS-026040-8			FS-026040-8		OP-026040-8
60μ	50	MS-026060-8	SH-026060-8	MP-026060-8	FS-026060-8	HF-026060-8	OP-026060-8
75μ	62	MS-026075-8			FS-026075-8		OP-026075-8
90μ	74	MS-026090-8			FS-026090-8		OP-026090-8
125μ	103	MS-026125-8	SH-026125-8	MP-026125-8		HF-026125-8	OP-026125-8
147μ	122	MS-026147-8		MP-026147-8		HF-026147-8	
160μ	132	MS-026160-8		MP-026160-8		HF-026160-8	
173μ	144			MP-026173-8			
205μ	170			MP-026205-8			
<b>Approx Unit Weight:</b>		0.72 g	0.70 g	0.93 g	0.85 g	0.86 g	0.83 g

### Test Conditions

<b>Winding</b>	N=35, #32 AWG
<b>Frequency</b>	10 kHz
<b>Voltage</b>	0.014 V
<b>A<sub>L</sub> Tolerance</b>	±8% (±12% Super-MSS)

### Coating/Packaging Information

<b>Coating Type</b>	Parylene N
<b>Voltage Breakdown</b>	500 Vrms
<b>Unit</b>	0.1 mA, 5 s
<b>Package Quantity</b>	14,400 Pcs/Box

### Winding Table

Wire Size	AWG	26	28	30	32	34	36	38	40	42	44	-
	mm	0.400	0.315	0.250	0.200	0.160	0.125	0.100	0.080	0.063	0.050	-
Single Layer	Turns	11	14	18	23	29	37	47	59	74	93	-
	Rdc(Ω)	25.5 m	51.5 m	105.4 m	214.2 m	429.4 m	871.4 m	1.8	3.5	7.0	14.0	-
Full Winding	Turns	10	16	25	38	59	91	141	218	337	522	-
	Rdc(Ω)	23.1 m	58.9 m	146.4 m	353.8 m	873.7 m	2.1	5.3	13.0	31.9	78.6	-