

Ferrite Sheet – FS Series

Customized



Operating Temp. : -40°C~+85°C

FEATURES

- High permeability
- Low magnetic Loss
- Ultra low profil

APPLICATIONS

- NFC antenna
- NFC antenna for mobile phones
- Portable devices integrated NFC function with metal shield layer
- EMC magnetic material

PRODUCT IDENTIFICATION

FS

①

Product Type	
FS	Ferrite Sheet

60W60

②

T14

③

External Dimensions (L×W) (mm)	
60W60	60×60

P150

④

Relative Real Permeability	
P135	135±10%
P150	150±10%
P160	160±10%

A03

⑤

Feature Code	
A01, A02, A03, etc.	

B

⑥

Packing	
B	Box
R	Roll

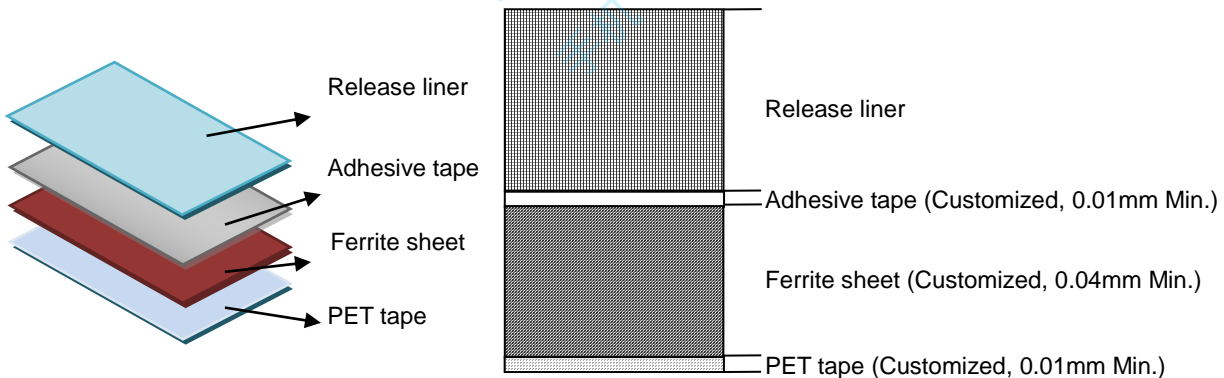
N

⑦

Total Thickness	
Example	Nominal Value
T06	60um
T08	80um
T10	100um
T12	120um
T14	140um

Application	
N	NFC
S	Shield

SHAPE AND DIMENSIONS



Sheet Size (L*W): Customized, 125×125(mm) Max. Thickness: 0.06~0.15mm

SPECIFICATION

Part Number	Permeability@13.56MHz		Thickness			
	Real	Imaginary	Total Thickness	Adhesive Tape typ.	Ferrite Sheet typ.	PET Tape typ.
Symbol	μ'	μ''	T	T1	T2	T3
Units	/	/	mm	mm	mm	mm
FS60W60T06P135A45BN	135±10%	3 Max.	0.06±0.01	0.01	0.04	0.01 (Black PET)
FS60W60T08P135A41BN	135±10%	3 Max.	0.08±0.01	0.03	0.04	0.01 (Black PET)
FS60W60T10P135A03BN	135±10%	3 Max.	0.10±0.01	0.030	0.06	0.01 (Black PET)
FS60W60T12P135A03BN	135±10%	3 Max.	0.12±0.01	0.030	0.08	0.01 (Black PET)
FS60W60T14P135A03BN	135±10%	3 Max.	0.14±0.01	0.030	0.10	0.01 (Black PET)
FS60W60T06P160A05BN	160±10%	3 Max.	0.06±0.01	0.010	0.04	0.01 (Black PET)
FS60W60T08P160A05BN	160±10%	3 Max.	0.08±0.01	0.010	0.06	0.01 (Black PET)
FS60W60T10P160A03BN	160±10%	3 Max.	0.10±0.01	0.030	0.06	0.01 (Black PET)
FS60W60T10P150A05BN	150±10%	3 Max.	0.10±0.01	0.010	0.08	0.01 (Black PET)
FS60W60T12P150A41BN	150±10%	3 Max.	0.12±0.01	0.03	0.08	0.01 (Black PET)
FS60W60T14P150A03BN	150±10%	3 Max.	0.14±0.01	0.030	0.10	0.01 (Black PET)

CUSTOMIZED PRODUCT PRESENTATION

We can customize Ferrite Sheet according to your requirements. Please refer to the following feature ranges:

Magnetic Permeability	
Relative Real Permeability	Customized, 160 Max. @13.56MHz
Relative Imaginary Permeability	Customized, 3~5@13.56MHz