

## Conductive Fabric Data Sheet / Intertego EMC Textile Shield (Part No 95112000)

### Physical Property

Material	Plating Method	Weight (g/m <sup>2</sup> )	Thickness (mm)	Fabric Count (thread/inch)	
				warp	weft
PET 100%	Ni+Cu+Ni	73±3	0.1±0.015	126.8	113.4

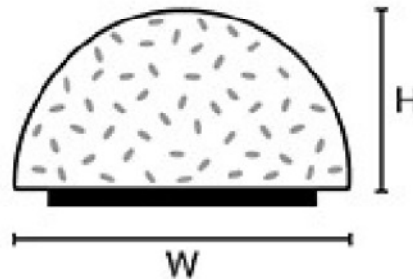
Tensile strength (kgf)		Extension (%)		Surface Resistance (Ω/cm <sup>2</sup> )		Shielding Effectiveness (dB)	
warp	weft	warp	weft	MIN	MAX	30MHz-1GHz	
49.7	38.8	23.6	27.8	0.03	0.05	60	70



Type of Gasket	EMI GASKET
Symbol of fabric for Part.no.	VNN
Raw Material of Fabric	PET 100%
Plating	Ni+Cu+Ni
Composition	Rip stop
Foam Core (Polyurethane eFoam)	
Shielding effectiveness (dB)	80-100
Surface resistance (Ω/cm <sup>2</sup> )	less than 0.05
Electric resistance (Ω/cm <sup>2</sup> )	less than 0.03
Compression Set	30%
Compression load deflection	2 kg
Flame retardant	UL 94-VO
Service Temp.	-20°C to 85°C

Dimension:

W = 3.8mm H = 1.5mm



### Poly Urethane Foam

Material SFHL-13	Classification	Density kg/m <sup>3</sup>	25ILD	Ball Rebound	Tensile Strength	Tear Strength	Compression fatigue set (70°C, 22hr, 50%)	Elongation	Flame retardant
	Unit	kg/m	kg/314cm <sup>2</sup>	%	kg/cm <sup>2</sup>	kg/cm	%	%	m/min
Polyurethane Foam	Typical values	45±3	30-35	50 min	Min. 1.5	Min. 0.4	Max. 6	Min. 120	pass
	Reference	JIS-K-6401	JIS-K-6401	JIS-K-6401	JIS-K-6401	JIS-K-6401	JIS-K-6401	JIS-K-6401	FMVSS-302

### Pressure Sensitive Adhesive (P.S.A.)

Specification	Standard adhesive (VTM-0)
Part No	Nitto 5011N
Thickness	0.16mm
Recommended Operating Temperature	-20°C to 120°C
Colour	white