

FENCE WIRE

ລວດໄຟຜ້າ



EW-TSS304/8

Stainless steel 304 grade

- Solid stainless steel wire - 1.2 mm
- Resistance 1000 Ohms/Km
- Coastal areas inland + 5-25km from coast
- 800 IUQS/Roll



EW-TSS316/8

Stainless steel 316 grade

- Solid stainless steel wire - 1.2 mm
- Resistance 1000 Ohms/Km
- Coastal / Industrial, 0-500m from coast
- 800 IUQS/Roll



EW-AL16

Aluminium

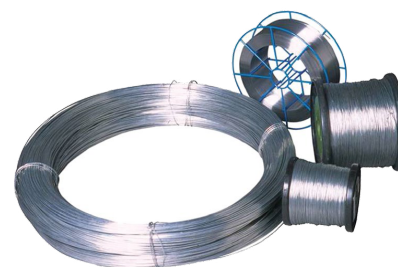
- Aluminium Alloy 1.6 mm solid
- Resistance 27 Ohms/Km
- Coastal / Industrial, 0-500m from coast
- 1,000 IUQS/Roll





Nemtek offers a variety of wires to address different electric fencing requirements. The type of wire needed will depend on environmental factors, mechanical strength and electrical resistance.

Nemtek aluminium wire has the lowest resistance allowing long fences to be powered up, reducing the number of energizers needed. Nemtek stainless steel wire is recommended for corrosive and coastal environments. Nemtek galvanised wire offers good electrical conductivity and mechanical strength.



SPECIFICATIONS

Tensile breaking strength:

1.6mm: 60~70kgs

2.0mm: 90~100kgs

2.5mm: 170~185kgs

Elongation: 10~11%

				Corrosion guideline*			
Wire range and description	Wire diameter	Spool size	Resistance ohms/km	Inland	Coastal	Industrial	Distance from the coastline
Galvanised							
Stranded wire (EW-T12/BB)	1.2mm	680m	175	Yes			+50km
Stranded wire (EW-T12)	1.2mm	2 990m	175	Yes			+50km
Stranded wire (EW-T16)	1.6mm	1 560m	100	Yes			+50km
Stranded wire (EW-T20)	2.0mm	1 000m	60	Yes			+50km
Solid light galvanised (EW-G2.24)	2.24mm	1 650m	50	Yes			+50km
Solid heavy galvanised (EW-G2.24HG)	2.24mm	1 650m	50	Yes	Yes	Yes	+0.5km
Stainless steel 304							
Stranded 304 (EW-TSS304/8)	1.2mm	800m	700	Yes			+50km
Stranded 304 (EW-TSS304/16)	1.2mm	1 600m	700	Yes			+50km
Solid wire 304 (EW-SS1/304)	1.0mm	1 985m	1 000	Yes			+50km
Solid wire 304 (EW-SS12/304)	1.2mm	1 375m	700	Yes			+50km
Stainless steel 316							
Stranded 316 (EW-TSS316)	1.2mm	800m	700	Yes	Yes	Yes	+0.1km
Solid wire 316 (EW-SS1/316)	1.0mm	1 985m	1 000	Yes	Yes	Yes	+0.1km
Solid wire 316 (EW-SS12/316/7)	1.2mm	770m	700	Yes	Yes	Yes	+0.1km
Solid wire 316 (EW-SS12/316)	1.2mm	1 375m	700	Yes	Yes	Yes	+0.1km
Solid wire 316 (EW-SS16/316)	1.6mm	770m	390	Yes	Yes	Yes	+0.1km
Solid wire 316 (EW-SS20/316)	2.0mm	495m	250	Yes	Yes	Yes	+0.1km
Aluminium alloy wire							
Stranded wire (EW-AL16/S)	1.6mm	1 000m	31	Yes	Yes		+5km
Stranded wire (EW-AL20/S)	2.0mm	1 000m	18	Yes	Yes		+5km
Solid wire (EW-AL16)	1.6mm	1 000m	27	Yes	Yes		+5km
Solid wire (EW-AL20)	2.0mm	1 000m	14	Yes	Yes		+5km
Solid wire (EW-AL20/1500)	2.0mm	1 500m	14	Yes	Yes		+5km
Solid wire (EW-AL25/1200)	2.5mm	1 200m	9	Yes	Yes		+5km

* This table serves as a guideline only. For more accurate information, please seek professional advice on the corrosion environment and local conditions.

Feb 2018 Rev 1.0: The specifications and descriptions of products and services contained in this data sheet were correct at the time of publishing. Nemtek reserves the right to change specifications or withdraw products without notice.