

# FENCE WIRE, CABLE AND ACCESSORIES

## FENCE WIRES



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.

WIRE RANGE AND DESCRIPTION	WIRE DIAMETER	SPOOL SIZE	RESISTANCE OHMS/KM	CORROSION GUIDELINE*			
				INLAND	COASTAL	INDUSTRIAL	DISTANCE FROM THE COASTLINE
<b>GALVANISED</b>							
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
<b>STAINLESS STEEL 304</b>							
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
<b>STAINLESS STEEL 316</b>							
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
<b>ALUMINIUM ALLOY WIRE</b>							
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.