

Stainless Steel MIG WIRE

nevinox[®]
WELDING WIRES

NEVINOX 312 Stainless Steel MIG Welding Wire

AWS 5.9 ER312 EN ISO 14343 A 22 9



NEVINOX 312 is designed for welding tool steels, high strength steels and difficult to weld steels. It is also suitable for welding dissimilar steels e.g. stainless steel to mild steel.

Part No.	Diameter	Weight
WER1084	0.8mm	5.0 Kg
WER1085	1.0mm	5.0 kg
WER1086	1.2mm	5.0 Kg

Part No.	Diameter	Weight
WER1126	0.8mm	15.0 Kg
WER1127	1.0mm	15.0 Kg
WER1128	1.2mm	15.0 Kg

Approvals: CE, TUV, DB



Chemical Analysis (WT%)

C	Si	Mn	Cr	Ni
0.15	0.65	1.30	29	9.0

Welding Process: MIG

Welding Gas: Ar + 2% o₂, Ar + 2-3% Co₂

NEVINOX 316LSi Stainless Steel MIG Welding Wire

AWS A5.9 ER316LSi EN ISO 14343 A 19 12 3 LSi

NEVINOX 316LSi is for welding austenitic molybdenum stainless steel 316 series, where corrosion resistance is required, it is ideal for use within the food & dairy industries. NEVINOX 316LSi has increased silicon content which improves the fluidity of the weldpool with minimum spatter.

Approvals: CE, TUV, DB



Part No.	Diameter	Weight
WER1136	0.6mm	5.0 Kg
WER1137	0.8mm	5.0 Kg
WER1138	1.0mm	5.0 Kg
WER1139	1.2mm	5.0 Kg

Part No.	Diameter	Weight
WER1141	0.6mm	15.0 Kg
WER1142	0.8mm	15.0 Kg
WER1143	1.0mm	15.0 Kg
WER1144	1.2mm	15.0 Kg
WER1145	1.6mm	15.0 Kg

Chemical Analysis (WT%)

C	Si	Mn	Cr	Ni	Mo
0.03	0.85	1.85	18.5	10.5	2.5

Mechanical Properties- M21 Shielding Gas

YS	TS	E	IMP
N/mm ²	N/mm ²	%	-196°C
431	606	34	90J

Welding Process: MIG

Welding Gas: Ar + 2% o₂, Ar + 2-3% Co₂