

LNT 25

Key Features

- Produces X-ray quality welds over most surface conditions
- Recommended for TIG welding on many grades of carbon steel
- High impact values

Typical Applications

- Repairs on a variety of mild and low alloy steel
- Small diameter pipe and tubing
- Root pass pipe welding

Conformances

AWS A5.18/A5.18M: ER70S-3
EN ISO: 636-A W 42 5 W2Si

Welding Positions



Shielding Gas

- 100% Argon
- Flow rate 10-15 L/min

Diameter / Packaging / Settings

Diameter mm	Length mm	Part Number	Packaging
2.4	1000	T24T005R1S00	PE Tube 5kg

Mechanical Properties - As required per AWS A5.18

	Yield Strength MPa	Tensile Strength MPa	Elongation %	Charpy V-Notch J @ -20°C
Requirements - AWS ER70S-3	400 min	480 min	22 min	27 min
Typical Results - As Welded	450	560	26	170

Wire Composition

	%C	%Mn	%Si	%S	%P	%Cu
Typical Results	0.07	1.25	0.65	0.003	0.008	0.04