



The Root, It better be good

Welding the Root

Like we all know, the root run is a critical part of the joint. We spend a lot of time in preparing the joint and how easily we could ruin it all by undercut, porosity or incomplete penetration. Grinding or gouging and re-welding at the reverse side is a waste of time and a harmful solution. Our LNB ceramic backing material range offers a possibility for welding one-side root runs in all applications, on all base materials and for all processes. Welding on ceramics has a substantial effect on the efficiency, productivity and the cost.

In a nutshell:

- No gouging or grinding and re-welding on the reverse side.
- Easier joint preparation.
- Use of higher welding currents.

The surface will be smooth, homogeneous and slightly convex. The ceramic is designed to provide welds that are free from porosity and does not effect the chemical composition.

ADVANTAGE

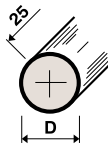
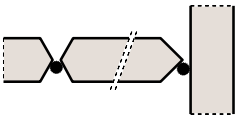
- ✓ Suitable for all welding processes, especially GMAW and FCAW
- ✓ Complete product range for the shop as well as on site
- ✓ Reduce of cost by improved efficiency
- ✓ Extremely low moisture pick-up
- ✓ Suitable for low hydrogen applications
- ✓ Approved by TÜV
- ✓ TNO report on health issues available
- ✓ 86 mm wide aluminium tape
- ✓ Available with metal rail

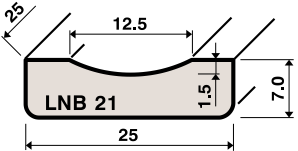
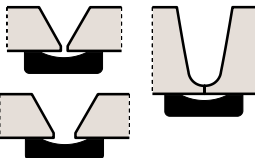
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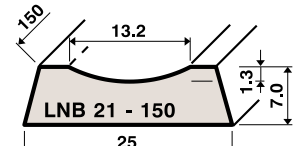
LINCOLN®
ELECTRIC

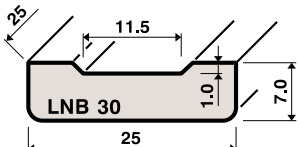
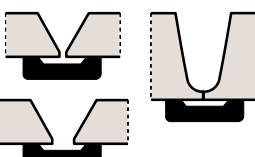
LINCOLN ELECTRIC EUROPE

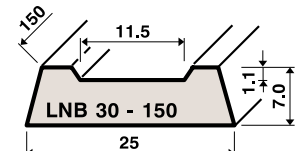
PRODUCT RANGE

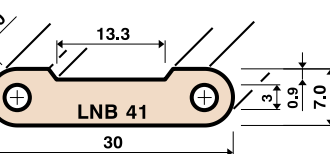
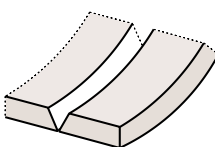
 <p>LNB 6 : D = 6 LNB 9 : D = 9 LNB 12 : D = 11.3</p> <p>Strip length: 600 mm</p>	Product	Item	pcs/bx	mtr/bx		
	LNB 6	tape	640007	100		60
	LNB 9	tape	640014	72	43.2	
	LNB 12	tape	640021	60	36	
Mainly for mild steel. For general steel structures					GMAW + FCAW	

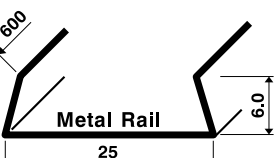
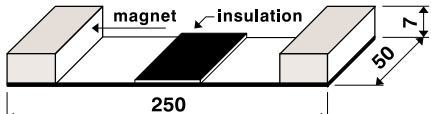
 <p>Strip length: 600 mm</p>	Product	Item	pcs/bx	mtr/bx	
	LNB 21	tape	640083	56	

 <p>Strip length: 600 mm</p>	Product	Item	pcs/bx	mtr/bx	<p>To be used with LNM solid wires and metal cored wires like Outershield MC 710-H and MC 715-H</p>	
	LNB 21-150	tape	640090	56		33.6
	LNB 21-150	rail	640106	63	37.8	
Strips can be used in metal rail. For fastening use magnetic clamps						

 <p>Strip length: 600 mm</p>	Product	Item	pcs/bx	mtr/bx	
	LNB 30	tape	640151	56	

 <p>Strip length: 600 mm</p>	Product	Item	pcs/bx	mtr/bx	<p>To be used with flux cored wires like Outershield and Cor-A-Rosta</p>	
	LNB 30-150	tape	640168	56		33.6
	LNB 30-150	rail	640175	63	37.8	
Strips can be used in metal rail. For fastening use magnetic clamps						

 <p>LNB 40 Strip length: 600 mm LNB 41 Strip length: 1000 mm</p>	Product	Item	pcs/bx	mtr/bx		
	LNB 40	tape	640243	48		28,8
	LNB 41	wire	640229	24	24	
Elements are mounted on flexible wire. Suitable for pipe and cylindrical parts. Designed to bend easily.						

 <p>Metal Rail</p>	 <p>Magnetic Clamp, Item 640246</p>
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