

LNM 4362

CLASSIFICATION

No EN or AWS standard	A-Nr	9*	Mat-Nr	1.4362
	F-Nr	6*		
	9606 FM	5		

GENERAL DESCRIPTION

Solid wire for welding Lean Duplex stainless steels
Corrosion resistance is equal to 316L in most applications

WELDING POSITIONS (ISO/ASME)



PA/1G



PB/2F



PC/2G



PD/4F



PE/4G



PF/3Gu

SHIELDING GASES (ACC. ISO 14175)

M12	Mixed gas Ar+ 0.5-5% CO ₂
M13	Mixed gas Ar+ 0.5-3% O ₂

CHEMICAL COMPOSITION [W%] TYPICAL WIRE

C	Mn	Si	Cr	Ni	Mo	N
0.01	1.4	0.6	23	7	0.3	0.14

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Shielding gas	Condition	0.2% proof strength [N/mm ²]	Tensile strength [N/mm ²]	Elongation [%]	Impact ISO-V(J)	
						+20°C	-20°C
Typical values	M12	AW	525	710	25	170	150

EXAMPLES OF MATERIALS TO BE WELDED

Steel grades	EN 10088-1/-2	Mat. Nr	UNS
Duplex stainless steels	X2CrNiMoN21-5-1	1.4162	S32101
	X2CrNiN23-4	1.4362	S32304

PACKAGING AND AVAILABLE SIZES

Diameter (mm)	1.2
15 kg spool BS300	X

Other sizes and packaging on request

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All information in this data sheet is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.eu for any updated information.
Fumes: Material Safety Data Sheets (MSDS) are available on our website.