

 Welding technology	technical-metallurgical data sheet for LAWITEX - filler metals	LAWI 19 Ni
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This basis classifies also a guideline for quality protection.

LAWITEX-description LAWI 19 Ni

NiTi-filler metal for applications at nickel-copper alloys as well as connections of steel with nickel-copper alloys. Excellent anti-stress corrosion. For applications in the field of chemical and petrochemical industry as well as in nautical construction (desalination plants). Tensile strength approx. 470 RmN/mm², dilating > 30 %

Suitable for materials 2.4060, 2.4061, 2.4068, 2.4110, 2.4128, 2.4175 and similar.

Analyse % - steels / nickel alloys

C	Al	Co	Cr	Cu	Fe	Mn	Nb	Ni	Si	Ti
<0,05	<1,00			<0,20	<0,70	<0,80		Rest	<0,80	2,00-4,00

The technical results are dependent on the extent of mingling to the basic materials and also a indication of the process engineering.

Department of Quality