

NICROTIG 3545

TIG Rods [GTAW]

Nickel alloys

CLASSIFICATION: EN ISO 14343-A : W Z 35 45 Nb	APPROVALS:	APPLICATION: Petrochemical and chemical industry
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- Austenitic stainless steel filler metal.
- Very high scaling resistance at temperatures up to 1180°C.

Application

High temperature applications; welding of heat-resistant steels and cast steels of similar grade; joining and cladding weldings of similar alloyed heat resistant steels and steel casts; joining and cladding of high heat resistant Cr-Ni steels of the same kind and cast steels in a low sulphurous environment.

Typical chemical composition %

C	Si	Mn	Cr	Ni	Nb
0,40	1,5	1,0	35,0	45,0	0,75

Typical mechanical properties

Yield strength Re [N/mm²]	>245
Tensile strength Rm [N/mm²]	>450
Elongation A5 [%]	>6

Welding parameters and packing

∅	Length [mm]	Weight of packet [kg]
2,0	1000 /	5,0
2,4	1000 /	5,0

METALWELD-FIPROM POLSKA spółka z o.o.

ul. Mikołajczyka 57, 41-200 Sosnowiec

+48 (32) 297 75 50 - 51

+48 (32) 297 75 88

export@metalweld.pl