Exaton NiCr-3

NiCr-3 is filler material for joining NiCrFe alloys, 9% Ni steels used at cryogenic temperatures, stainless steels to carbon steels, high service temperature NiCu alloys to carbon steels and NiCu alloys to nickel alloys. NiCr-3 can be used in air up to 1175°C (2145°F) and in sulphur dioxide atmospheres up to 800°C (1470°F). It is used for Submerged Arc Welding.

Specifications	
Classifications	SFA/AWS A5.14 : ERNiCr-3 EN ISO 18274 : S Ni 6082 (NiCr20Mn3Nb)
Approvals	VdTÜV : 03770

Approvals are based on factory location. Please contact ESAB for more information.

Typical Wire Composition %									
C	**Mn**	**Si**	**S**	**P**	**Ni**	**Cr**	**Mo**	**Cu**	**N**
<=0.03	3.0	0.1	<=0.010	<=0.010	72.5	20.0	<=0.2	<=0.05	<=0.05

Typical Wire Composition %			
Ti	**Co**	**Fe**	**Nb+Ta**
0.4	<=0.10	<=1.0	2.6