

Exaton NiCrMo-3

NiCrMo-3 welding wire is suitable for joining nickel-chromium-molybdenum nickel alloys and chromium-nickel-molybdenum steels with very high corrosion resistance in oxidizing, aqueous and high temperature environments such as 6Mo-steels, UNS N06625 (2.4856) and corresponding grades. It is also suitable for joining stainless steels and nickel alloys for high-temperature service. NiCrMo-3 can also be used for dissimilar joining of stainless steels to nickel alloys and for overlay welding. Applications for NiCrMo-3 are found in cryogenics, components subject to high temperature service up to 980°C (1800°F) such as aircraft ducting, engine exhaust systems, power boilers and recovery boilers and a diversity of seawater applications. The combination of strength and corrosion resistance over a wide range of temperatures is utilized in reaction vessels, line pipe distillation columns and heat exchangers. It is used for Submerged Arc Welding.

Specifications	
Classifications	SFA/AWS A5.14 : ERNiCrMo-3 EN ISO 18274 : S Ni 6625 (NiCr22Mo9Nb) Werkstoffnummer : 2.4831
Approvals	VdTÜV : 03770

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