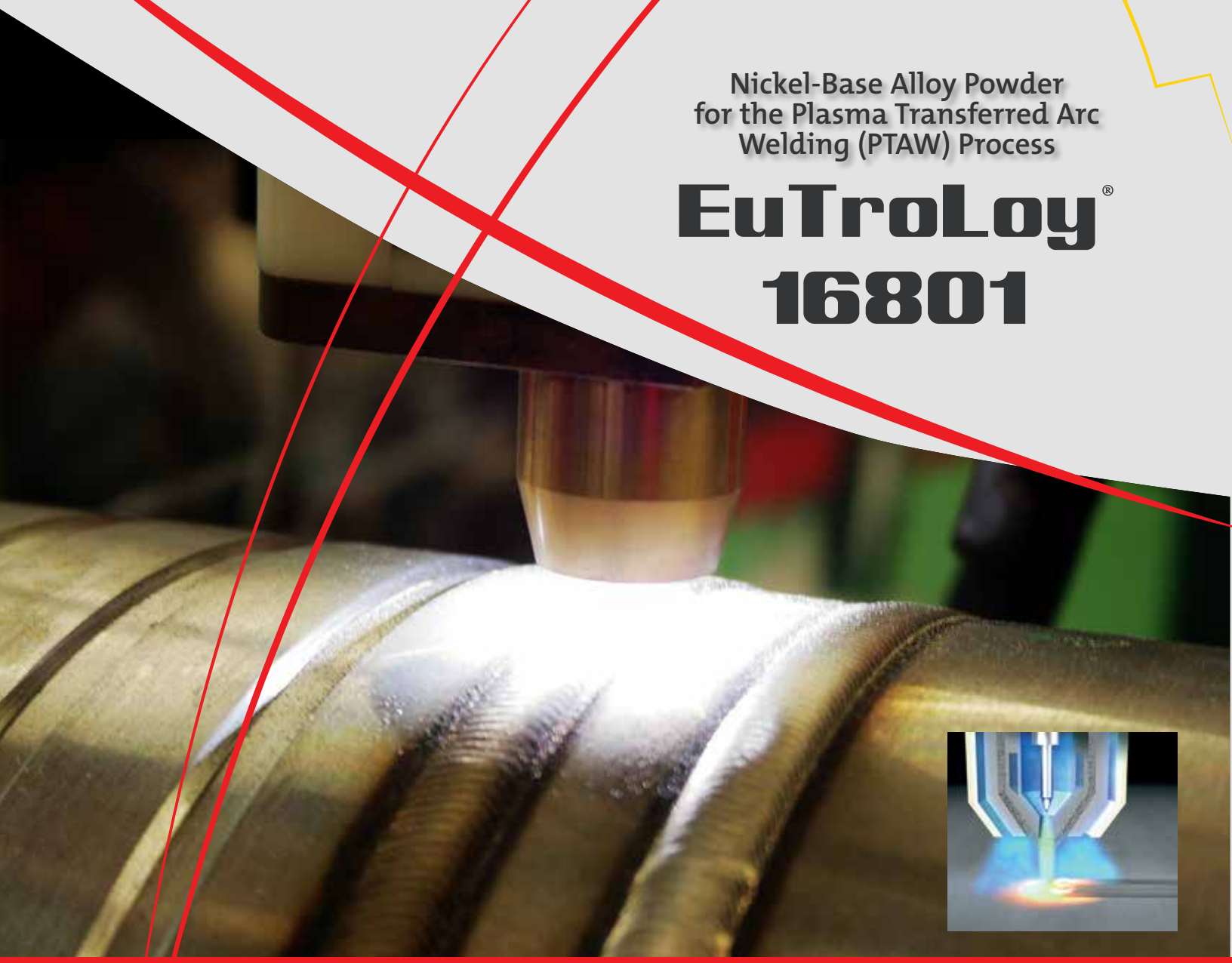
Castolin Eutectic®
Eutectic Castolin

Nickel-Base Alloy Powder
for the Plasma Transferred Arc
Welding (PTAW) Process

EuTroLoy® 16801



- Specially developed for the plasma transferred arc welding process
- Outstanding corrosion resistance
- Low coefficient of friction

EuTroLoy 16801

EuTroLoy 16801 is a nickel base alloy designed for the plasma transferred arc welding (PTAW) process providing hard, dense coatings. The alloy provides resistance to general corrosion, pitting, crevice corrosion, intergranular attack, and stress corrosion cracking.

TECHNICAL DATA

Typical Values	
Hardness:	20 HRC
Density:	8.69 g/cm^3
Nominal Particle Size:	80 x 270 US Mesh (-180 / +53 µm)
Max. Service Temperature:	1250°F (675°C)

Nominal Composition:

Ni, Cr, Mo, W, Fe

PROCEDURE FOR USE:

All surfaces to be coated should be thoroughly cleaned, removing all contaminants, oxides and grease.

EuTroLoy 16801 powder is made for use in Eutectic's GAP PTA equipment. Please contact Eutectic Technical Services to determine which GAP equipment is right for your coating needs.

TYPICAL APPLICATIONS

EuTroLoy 16801 can be used for many applications such as marine, power, chemical processing, pollution control, paper processing, and waste disposal industries.

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