



UNIWEELD IND. DE ELETRODOS LTDA

Address: 1788, XV de Dezembro Avenue – Tanque do Moinho
 Zip Code: 12.910-691 – Bragança Paulista – São Paulo – Brazil
 Phone: (+55 11) 4035-8877 – Fax: (+55 11) 4603-2511
 E-mail: uniweld@uniweld.com.br
 Website: www.uniweld.com.br

Contact Uniweld

(+55 11) 4035-8877

sales@uniweld.com.br

COMERCIAL DESIGNATION: **ESSEN 12 S**

PATTERN: AWS RB Cu Zn-A

Application Field	ESSEN 12 S is a small rod covered with a special ally like red-hot, developed to multiple applications, in production and maintenance. In the large variety of weldings, with high traction resistance and low temperature, producing clean and soft junctions free of pores. They can be united among them with different kinds of metal, like copper and its alloy, copper with iron, brass with fused iron, copper with brass, copper with bronze or the union of these metals among them without fusing the basis metal					
Technical Characteristics	Special alloy like red-hot with high fluidity, traction resistance and low temperature. With this alloy, brass can be fused without fusing the basis metal.					
Indicated to Basis Metals	Steel: Laminated - Forged – Fused Iron: Laminated – Fused – Galvanized Copper: W/Steel – Iron Brass: W/Steel – Iron Bronze: W/Steel - Iron					
Operational Characteristics	For process – Oxi-Acetic					
	Welding position: Plain					
	Ø In mm	1,50x500	2,00x500	2,50x500	3,25x500	4,00x500
Welding Techniques	Clean the area to be welded in thin metal sheets and small parts, use the small rod ESSEN 12 S applying on the part, because the flux of the covering is enough to disoxide the welding place. Bigger parts, even using ESSEN 12 S covered must add the flux ESSEN 12 to help disoxidizing the welding area. Heat the part indirectly, the torch flame carbonize the flux, obstructing the welding.					