



UNIWELD IND. DE ELETRODOS LTDA

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COMERCIAL DESIGNATION: **ESSEN AG 645**

PATTERN: AWS BL Ag 45 Cd

Alloy Elements Included	Ag	Cu	Cd	Zn		

APPLICATION FIELD	Special silver alloy with high capillarity to red-hot in low temperature. Indicated to iron, steel, chrome steel, stainless steel, nickel, alpaca, tombac, kanthal, copper, brass, bronze aluminium, silver, gold, diamonds, etc. These alloys present a large application in electronic industries, refrigeration, hospital equipments, thin profiles, copper tubes, etc. Utilize always the silver flux ESSEN AG FLUX. For the process oxiacetilenic use the carburation flame.					
MECHANICAL PROPRIETIES	Fusion Temperature: Sólid: 610 C Líquid: 630 C					
OPERATIONAL CHARACTERISTICS	For Oxi-acetilenic					
	Welding Position: Plain					
	∅ In small rod	1,50x500mm	2,00x500mm	2,50x500mm	3,25x500mm	
Package	1 kg	1 kg	1 kg	1 kg		
WELDING TECHNIQUES	Cleanness the welding area is indispensable and essential to keep the extension of the arch always short, not to overload the flame. Use only the small rod very dry.					