

# TALARC R45

## CLASSIFICATION

AWS SPECIFICATIONS	EN SPECIFICATIONS
AWS A 5.2: R45	EN 12536: O I

## ALLOY TYPE

Copper-coated steel rod for oxy-acetylene welding of carbon and C – Mn steels of medium mechanical properties.

## APPLICATIONS

Special copper-coated steel rod designed for oxy-acetylene (autogenous) welding of iron and carbon or carbon-manganese steels of medium mechanical properties. Suitable for pipes, tanks and structural works.

## TYPICAL CHEMICAL COMPOSITION OF WIRE

C %	Mn %	Si %	S %	P %	Cu %	Ni %	Cr %	Mo %
0.07	0.50	0.07	0.012	0.012	0.15	-	-	-

## TYPICAL MECHANICAL PROPERTIES

GAS		Yield strength	Tensile strength	Elongation on % 5d	Impact energy (Charpy V)			
		Rs	Rm	A 5d	+ 20°C	-20	-30°C	-40°C
		(MPa)	(MPa)	%	(Joule)	(Joule)	(Joule)	(Joule)
/	as welded	-	500	-	-	-	-	-

## WELDING GUIDELINES

Preheat and PWHT are not required.

## TECHNICAL INFORMATION

Gas: Oxy-acetylene

Welding position: all positions



## PACKAGING DATA

Diameter (mm)	1.6	2.4
Length (mm)	1000	1000
Carton	5 Kg	5 Kg

Diam.	5 kg Tube
1.6mm	INTR4516
2.4mm	INTR4524

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