Mild Steel
Oxy-Fuel Gas Rod

talarc

Datasheet MT04

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

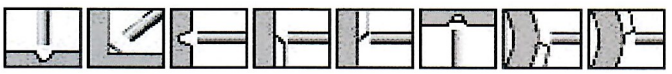
GAS		Yield strength	Tensile strength	Elongation on % 5d	Impact energy (Charpy V)			
		Rs	Rm	A 5d	+ 20°C	-20	-30°C	-40°C
		(MPa)	(MPa)	%	(Joule)	(Joule)	(Joule)	(Joule)
I	as welded	-	500	-	-	-	-	-

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