

# M14 MAG welding of carbon and carbon/manganese steels



All gases meet the requirements of M14 (according to ISO14175) shielding gas often specified in many welding procedure specifications (WPS).

## M14 ArCO 5/2

The classification

The gases in descending order (major to minor component)

The gas % of the mixture excluding the base gas (which is typically Argon)

**Ar:** Argon  
**C:** Carbon Dioxide  
**O:** Oxygen

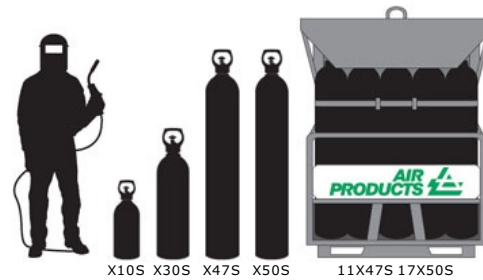
For safety information relating to gases and mixtures, please refer to [www.airproducts.com/msds](http://www.airproducts.com/msds)

## Standard Products - Cylinders

Product	Reorder Code	Size	Valve	Pressure	Contents
M14 ArCO 5/2 93% Ar/5% CO2/2% O2	14391	X10S	BS3	200Bar	2.15m <sup>3</sup>
M14 ArCO 5/2 93% Ar/5% CO2/2% O2	14392	X30S	BS3	200Bar	6.44m <sup>3</sup>
M14 ArCO 5/2 93% Ar/5% CO2/2% O2	14393	X47S	BS3	200Bar	10.09m <sup>3</sup>
M14 ArCO 5/2 93% Ar/5% CO2/2% O2	14394	X50S	BS3	200Bar	12.32m <sup>3</sup>

## Standard Products - Packs

Product	Reorder Code	Size	Valve	Pressure	Contents
M14 ArCO 5/2 93% Ar/5% CO2/2% O2	14388	11X47S	BS3	200Bar	110.94m <sup>3</sup>
M14 ArCO 5/2 93% Ar/5% CO2/2% O2	14389	17X50S	BS3	200Bar	182.40m <sup>3</sup>
M14 ArCO 5/2 93% Ar/5% CO2/2% O2	14390	17X50S	BS3	200Bar	209.42m <sup>3</sup>



## Cylinder and pack specifications

Size	Pressure	Height	Diameter	Width	Length	Empty Weight	Full Weight
X10S	200Bar	655mm	176mm			20Kg	23.63Kg
X30S	200Bar	1050mm	230mm			47.53Kg	58.43Kg
X47S	200Bar	1525mm	230mm			66.93Kg	85.12Kg
X50S	200Bar	1675mm	230mm			70.18Kg	89.54Kg
11X47S	200Bar	2203mm		680mm	100mm	1045.53Kg	1245.67Kg
17X50S	200Bar	1988mm		915mm	1250mm	1509.46Kg	1838.51Kg

tell me more...

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