

# M21 MAG welding of carbon and carbon/manganese steels



All gases meet the requirements of M21 (according to ISO14175) shielding gas often specified in many welding procedure specifications (WPS).

## M21 ArC 20

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**The classification**

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**The gases in descending order (major to minor component)**

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

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**Ar: Argon**  
**C: Carbon Dioxide**

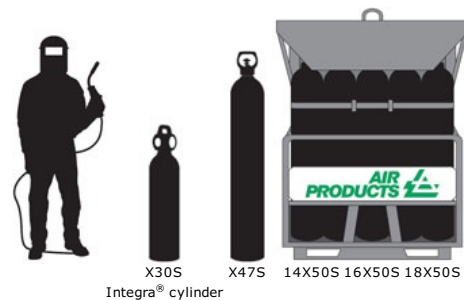
For safety information relating to gases and mixtures, please refer to [www.airproducts.com/msds](http://www.airproducts.com/msds)

## Standard Products - Cylinders

Product		Reorder Code	Size	Valve	Pressure	Contents
M21 ArC 20	80% Ar/20% CO2	177178	X30S	Quick connector	300Bar	9.85m <sup>3</sup>
M21 ArC 20	80% Ar/20% CO2	14768	X47S	BS3	200Bar	10.97m <sup>3</sup>
M21 ArC 20	80% Ar/20% CO2	172793	X47S	BS3	200Bar	10.97m <sup>3</sup>

## Standard Products - Packs

Product		Reorder Code	Size	Valve	Pressure	Contents
M21 ArC 20	80% Ar/20% CO2	18996	18X50S	NEVOC	300Bar	295.42m <sup>3</sup>
M21 ArC 20	80% Ar/20% CO2	18505	14X50S	BS3	200Bar	163.36m <sup>3</sup>
M21 ArC 20	80% Ar/20% CO2	163877	16X50S	BS3	200Bar	224.03m <sup>3</sup>
M21 ArC 20	80% Ar/20% CO2	410574	16X50S	BS3	200Bar	224.03m <sup>3</sup>



## Cylinder and pack specifications

Size	Pressure	Height	Diameter	Width	Length	Empty Weight	Full Weight
X30S	300Bar	1080mm	230mm			49.25Kg	66.25Kg
X47S	200Bar	1525mm	230mm			66.93Kg	85.86Kg
14X50S	200Bar	2020mm		800mm	1045mm	1299.52Kg	1581.52Kg
16X50S	200Bar	2163mm		954mm	1184mm	1401.88Kg	1724.17Kg
18X50S	300Bar	2138mm		862mm	1190mm	1688.24Kg	2198.21Kg

tell me more...

**United Kingdom**  
Air Products PLC, 2 Millennium Gate  
Westmere Drive  
Crewe CW1 6AP  
T: +44 0800 389 0202  
F: +44 01932 258 652  
[apukinfo@airproducts.com](mailto:apukinfo@airproducts.com)  
[www.airproducts.co.uk](http://www.airproducts.co.uk)