



COMPOSITION OF SHIELDING & WELDING GASES

Product Name	ISO 14175 Classification	Argon	Carbon Dioxide	Helium	Hydrogen	Nitrogen	Oxygen
		Ar	CO ₂	He	H ₂	N ₂	O ₂
Argon	I1	100%					
Carbon Dioxide	C1		100%				
Helium	I2			100%			
Helium Argon 30	I3	70%		30%			
Helium CO2 Argon 35/2/63	M12	63%	2%	35%			
Hydrogen Argon 5	R1	95%			5%		
Hydrogen Argon 10	R1	90%			10%		
Hydrogen Argon 35	R2	65%			35%		
Hydrogen Nitrogen 5	N5				5%	95%	
Hydrogen Nitrogen 10	N5				10%	90%	
Nitrogen	N1					100%	
Oxygen	O1						100%
Weldap 02	M12	98%	2%				
Weldap 20	M21	80%	20%				
Weldshield **	M14	93%	5%				2%
Weldshield 5	M14	93%	5%				2%
Weldshield 15	M24	83%	15%				2%
Weldshield 20	M26	78%	20%				2%

** Some older cylinders are labelled Weldshield and this always refers to Weldshield 5