Industrial Gases

Photos	Gases	Cylinder Capacity			Molecular Weight	Specific Volume @ 20°C & 101.325 Kpa	Cylindre Pressure @ 20°C	Cylindre Height	Cylinder Diameter	Purity	Applications	Chemical Classification	Hazards	Connection with Valve
		M³	CU FT	KG			Bar	mm	mm					
DISSOLVED ACETYLENE (C_2H_2)														
	DISSOLVED ACETYLENE	5.66	200		26.03g/mol	918 ml/g	21	820	250	≥ 98%	Welding, cutting, heating, bending with CO_2	Unsaturated Hydrocarbon	 Flammable	5/8" BSPF Left Hand Female
	DISSOLVED ACETYLENE	6.37	225				21	1250	200					
	DISSOLVED ACETYLENE	6.80	240				21	1140	230					
	DISSOLVED ACETYLENE	7.08	250				21	935	250					
	DISSOLVED ACETYLENE	7.82	276				21	1120	245					
	DISSOLVED ACETYLENE	8.78	310				21	780	285					
ARGON (Ar)														
	ARGON TECHNICAL	3.40	120		39.94g/mol	604 ml/g	140	1200	180	≥ 99.9%	MIG & TIG Utilisation	Non-Reactive & Inert gas	 Gas under pressure	5/8" BSPF Right Hand Female
	ARGON TECHNICAL	6.80	240				140	1440	230					
	ARGON TECHNICAL	8.49	300				172 / 200	1440	200 / 230					
	ARGON TECHNICAL	9.06	320				172	1440	200					
	ARGON TECHNICAL	10.48	370				200	1500	230					
ARGOSHIELD (80% Ar + 20% CO_2)														
	ARGOSHIELD UNIVERSAL	3.40	120		N/A	N/A	140 / 200	1200	180		MIG Utilisation, for duct & sheet welding metal	Mix inert gas	 Gas under pressure	5/8" BSPF Right Hand Female
	ARGOSHIELD UNIVERSAL	6.06	214				154	1390	230					
	ARGOSHIELD UNIVERSAL	8.49	300				172 / 200	1440	200 / 230					
	ARGOSHIELD UNIVERSAL	10.48	370				200	1500	230					
CARBON DIOXIDE (CO_2)														
	CARBON DIOXIDE			14.00	44.01g/mol	547 ml/g	60	780	200	≥ 99.0%	Beverages carbonisation, purging, welding	Liquefiable gas	 Gas under pressure	0,860" X 14TPI Right Hand Male
	CARBON DIOXIDE			30.00			60	1390	230					
	CARBON DIOXIDE			33.00			60	1440	230					
HELIUM (He)														
	HELIUM TECHNICAL	3.40	120		4.00g/mol	6024 m³/kg	140	1200	180	≥ 99.99%	Filling floating balloons	Non-Reactive & Inert gas	 Gas under pressure	5/8" BSPF Right Hand Female
	HELIUM HIGH PURITY	6.51	230				150	1440	230	≥ 99.999%	Laboratory Analysis			
HYDROGEN (H_2)														
	HYDROGEN	8.49	300		2.02g/mol	11967ml/g	200	1440	230	≥ 99.99%	Prevent oxydation in metal, chemical purpose	Flammable gas	 Flammable	5/8" BSPF Left Hand Female
	HYDROGEN	10.48	370				200	1440	230					

Version 2- 29 April 2015
Can be delivered in the following containers:
A) 150 cryogenic containers - 20,000 L and above are available on request
B) Cryogenic storage Dewar are available on request - 35 L to 400L
* Use only the specified and proper equipment to this product, its supply pressure and temperature. comply with the manufacturer's instructions for handling. Store the container in a well ventilated place, temperature below 50 °C.
* Other grades, purities and capacities of these products are available