

ARCAL[™] 25 with ALTOP[™]

Argon and Carbon Dioxide (ISO 14175-M21)
Shielding Gas for Arc Welding



Recommended Applications for ARCAL 25

- All purpose GMAW welding of carbon steels
- GMAW welding of solid and flux-cored wires
- Flux-cored welding of carbon steels, low alloy and stainless steel
- Hardfacing
- Indoor and outdoor welding
- For all welding positions in short arc mode

Benefits and Features

- High productivity for heavy materials (at high current output).
- Consistent and homogeneous mixtures ensure reliability.
- Meets AWS 5.32 specifications.
- Low sensitivity to cold cracking.
- Heavy thickness welding of carbon steel.
- Dedicated cylinders and lot-batched to ensure purity and traceability.
- ALTOP: the complete high-pressure gas solution that saves time and money, and improves safety substantially.

Now available with our exclusive ALTOP cylinder cap, valve and regulator all in one.





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Available with ALTOP Exclusively from Air Liquide

- No pressure regulators to buy or maintain
- Eliminates lost time due to regulator malfunction
- Patented lever-activated valve provides fast emergency shutoff
- Visual reading of cylinder contents prevents accidental return of cylinders containing unused gas
- Ergonomic design permits safer and easier maneuvering of cylinder



Heavy structure welding.

Available Packaging for ARCAL 25

	50-Cylinder	16-Cylinder Pack*	Portable Liquid Cylinder	Bulk
Pressure (psi)	2400	2400	•	•
Volume (scf)	351	5616	•	•

- * ARCAL 25 is available in single cylinders and 16-cylinder packs when larger quantities are needed.
- Consult your Air Liquide representative.

Purity Guarantee and Analysis

	ARCAL 25	Benefits
Moisture	32 ppm max	low humidity content reduces cold cracking sensitivity
Nitrogen	200 ppm max	low nitrogen content ensures consistent mechanical properties



ARCAL 25 ensures excellent penetration profile and depth.

Your Safety is our Concern

Before using ARCAL 25 or any other compressed gas, always read and understand the appropriate Material Safety Data Sheet (MSDS).



Founded in 1902, Air Liquide is the world leader in industrial and medical specialty gases and related services, providing innovative solutions for the manufacture of everyday products and for the protection of life.

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