

BLUESHIELDTM Metal Cored Arc Welding (MCAW)



Air Liquide's metal-cored wires offer outstanding performance, weld quality and value for extremely demanding, high-speed, semi-automatic or robotic welding applications. Whether it's a code-quality job or you simply require the versatility a metal-cored wire has to offer, we have the product to meet your needs.

BLUESHIELD: Where the world and welding meet.



BLUESHIELD Metal-Cored Arc Welding (MCAW)

BLUESHIELD Carbon Steel, Metal-Cored Wires

BLUESHIELD carbon steel metal-cored wires are designed to cover a wide variety of applications, from the most common high-speed robotic applications to welding in confined spaces that requires the use of a low-fume consumable. Whatever the challenge may be – even those demanding low-temperature, code-quality jobs – we have the solution.

Name	AWS Class	Diameter		Packaging	
		mm	in	kg	lb
LA C-3M	E70C-3M-H8	1.2 to 1.6	0.045 to 0.062	20.4	45
LA C-6	E70C-6M-H8	0.9 to 2.4	0.035 to 3/32	11.3 / 20.4 / 27.2 / 226.8	25 / 45 / 60 / 500
LA C-6 LF	E70C-6M-H8	1.2 to 1.6	0.045 to 0.062	20.4 / 27.2 / 226.8	45 / 60 / 500
LA C-6 CT	E70C-6M-H8	1.2 to 1.6	0.045 to 0.062	20.4	45
LA C-6 CR	E70C-6M-H4	1.2 to 1.6	0.045 to 0.062	20.4	45
SAFDUAL 200	E70C-G-CH	1.2 to 1.6	0.045 to 0.062	18	40

BLUESHIELD Low-Alloy Steel, Metal-Cored Wires

BLUESHIELD low-alloy steel metal-cored wires boast an extensive product line over a large alloy range and various strength levels, which covers virtually all high-strength, low-alloy steel welding applications imaginable.

Name	AWS Class *	Diameter		Packaging	
		mm	in	kg	lb
LA 80 C-W	E80C-G-H8	1.2 to 1.6	0.045 to 0.062	20.4	45
LA 80 C-D2	E80C-G-H8	1.2 to 1.6	0.045 to 0.062	20.4	45
LA 80 C-Ni1	E80C-Ni1-H8	1.2 to 1.6	0.045 to 0.062	20.4	45
LA 80 C-Ni2	E80C-Ni2-H8	1.2 to 1.6	0.045 to 0.062	20.4	45
LA 90 C-B3	E90C-B3-H16	1.2 to 1.6	0.045 to 0.062	20.4	45
LA 90 C-M	E90C-G-H8	1.2 to 1.6	0.045 to 0.062	20.4	45
LA 110 C-MG	E110C-G-H8	1.2 to 1.6	0.045 to 0.062	20.4	45
SAFDUAL 202	E81C-G-H4	1.2 to 1.6	0.045 to 0.062	18	40
SAFDUAL 209B	E80C-Ni1-H4	1.2	0.045	18 / 250	40 / 550
SAFDUAL 255	E100C-G-H4	1.2 to 1.6	0.045 to 0.062	18 / 250	40 / 550

* Some products are CWB / CSA approved. Contact your local representative for more information.