

Filler Metals for Demand Critical Seismic Applications

Tubular Wire Products

The following filler metal products have been three lot tested in accordance with AWS D1.8/D1.8M:2009, testing requirements. The requirements are specific to the diameter and shielding gas (if applicable). Under Section 6 of the AWS D1.8/D1.8M :2009 Code, these electrodes are commonly referred to as a "pre-qualified" filler material. And, may be used by the fabricator without additional testing.

Trade Name	AWS Class	Diameters Tested	Shielding Gas
Hobart® FabCOR® 86R	E70C-6M H4	0.045", 1/16" 0.052"	75% Ar/25% CO2 85% Ar/15%CO2
Hobart® FabCOR® Edge	E70C-6M H4	0.045" 0.052"	90% Ar/10% CO2 75% Ar/25% CO2
Hobart® FabCOR® Edge MC	E70C-6M H4	0.045"	90% Ar/10% CO2
Hobart® FabCO® RXR	E70T-1C, E70T-9C	1/16", 3/32"	100% CO2
Hobart® FabCO® TR-70	E70T-1C H8, E70T-9 H8	1/16", 5/64", 3/32"	100% CO2
Hobart® FabCO® Hornet	E71T-1C H8, E71T-9C H8 E71T-1M H8, E71T-9M H8	0.045", 1/16"	100% CO2 75% Ar/25% CO2
Hobart® FabCO® Excel-Arc™ 71	E71T-1C H8, E71T-9C H8 E71T-1M H8, E71T-9M H8	0.045", 1/16" 0.045", 0.052", 1/16"	100% CO2 75% Ar/25% CO2
Hobart® FabCO® XL®-525	E71T-1M, E71T-12MJ H8	0.052"	75% Ar/25% CO2
Tri-Mark® TM-771	E71T-1C, E71T-12CJ H8	0.052"	100% CO2
Hobart® Fabshield® XLNT-6	E70T-6	3/32"	N/A
Hobart® Fabshield® XLR-8	E71T-8JD H8	1/16", 0.072", 5/64"	N/A
Hobart® FabCO® 811N1	E81T1-Ni1MJ H4	1/16"	75% Ar/25% CO2
Hobart® FabCO® 803	E81T1-Ni2 CJ H4	1/16"	100% CO2
Hobart® SubCOR™ 92-S	ECM1;F8A8-ECM1-M1	5/32"	HN-590 Flux
Hobart® SubCOR™ EM12K-S	EC1;F7A6-EC1	1/8"	HN-590 Flux

TECHNICAL QUESTIONS? For technical support of Hobart Filler Metals products, contact the Applications Engineering department by phone toll-free at 1-800-532-2618 or by e-mail at Applications.Engineering@hobartbrothers.com
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