

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:2016 testing requirements. These requirements are specific to the diameter and shielding gas (if applicable). Under section 6 of AWS D1.8/D1.8:2016, these electrodes are commonly referred to as "pre-qualified" filler material and may be used by the fabricator without additional testing.

Trade Name	AWS Class	Diameter Tested	Shielding Gas
Hobart FabCOR 86R	E70C-6M H4	.052", 1/16", 3/32" .045", 1/16"	M20-ArC-15 M21-ArC-25
Hobart FabCOR Edge	E70C-6M H4	.045", 1/16" .052" 052", 1/16"	M20-ArC-10 M20-ArC-15 M21-ArC-25
Hobart FabCOR Edge XP	E70C-6M H4	.045", .052", 1/16" .052", 1/16" .045", .052", 1/16"	M20-ArC-10 M20-ArC-15 M21-ArC-25
Hobart FabCOR Edge Ni1	E80C-Ni1 H4	.052"	M20-ArC-10
Hobart FabCO RXR	E70T-1C, E70T-9C	1/16", 3/32"	C1 (100% CO2)
Hobart TR-70	E70T-1C H8, E70T-9C H8	1/16", 5/64", 3/32"	C1 (100% CO2)
Hobart FabCO Excel-Arc 71	E71T-1C H8, E71T-9C H8 E71T-1M H8, E71T-9M H8	.045", 1/16" .045", .052", 1/16"	C1 (100% CO2) M21-ArC-25
Hobart FabCO XL-525	E71T-1M H8, E71T-12MJ H8	.052"	M21-ArC-25
Hobart FabCO Triple 7	E71T-1C H8, E71T-9C H8 E71T-1M H8, E71T-9M H8	.045", .052", 1/16" .045", .052", 1/16"	C1 (100% CO2) M21-ArC-25
FabCO Element 71C	E71T-1C H8, E71T-12CJ H8	1/16"	C1 (100% CO2)
Hobart FabCO 803	E81T-Ni2CJ H8	1/16"	C1 (100% CO2)
Hobart FabCO 811N1	E81T1-Ni1MJ H4	1/16"	M21-ArC-25
Tri-Mark TM-771	E71T-1C H8, E71T-12CJ H8	.052"	C1 (100% CO2)
Hobart Fabshield XLNT-6	E70T-6	3/32"	N/A
Hobart Fabshield XLR-8	E71T-8JD H8	1/16", .072", 5/64"	N/A
Hobart SubCOR 92-S	F8A8-ECM1-M1	5/32"	HN-590 Flux
Hobart SubCOR EM13K-S MOD	F7A8-EC1 H8	1/8", 5/32"	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 email at Applications.Engineering@hobartbrothers.com
Revision date 1/26/23.