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 EM12K-S	*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 email at Applications.Engineering@hobartbrothers.com
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