

Select Super 72

Description:

- A carbon steel, flux cored, gas shielded electrode for single pass welding
- Designed for welding horizontal and flat fillets and flat groove welds
- Can be used for lap welds in flat or positioned weld joints
- Intended for welding carbon steels such as ASTM A36, A285, A515-Gr 70, and A516-Gr 70
- For use with 100% CO₂ shielding gas
- The high level of deoxidizers make this ideal for welding on heavily oxidized or glass coated steels
- Typical applications are wheel and hub welds, hot water heater assemblies, and general fabrications

Classification:

- E70T-2C per AWS A5.20, ASME SFA 5.20
- E70T1S-C1 per AWS A5.36, ASME SFA 5.36

Typical Mechanical Properties:

Transverse Tensile Strength (psi)	85,700 (base metal fracture)
Guided Bend Test	Meets AWS requirements

Recommended Welding Parameters:

Diam.	Optimum			Range			ESO
	Amperage	Voltage	WFS	Amperage	Voltage	WFS	
1/8"	500	29	110	375-725	28/37	65-175	¾"-1¼"
7/64	475	29	140	350-700	27/36	80-250	¾"-1¼"
3/32"	425	29	180	300-550	26/34	110-270	¾"-1¼"
5/64"	390	29	250	280-430	26/33	140-300	¾"-1¼"
1/16"	330	29	330	150-400	22/34	130-500	½"-1"
.052"	275	28	400	150-375	20/32	140-580	½"-1"
.045"	250	28	450	130-300	21/32	175-570	½"-1"

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Notice: The results reported are based upon testing of the product under controlled laboratory conditions in accordance with American Welding Society Standards. Actual use of the product may produce different results due to varying conditions. An example of such conditions would be electrode size, plate chemistry, environment, weldment design, fabrication methods, welding procedure and service requirements. Thus the results are not guarantees for use in the field. Select-Arc disclaims any warranty of merchantability or fitness for any particular purpose with respect to its products.