

SAFDUAL 100

Rutile Flux Cored Wire for welding of unalloyed steels with C1 and M21 shielding gases.



SAF-FRO

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SAFDUAL
EASY TO USE AND EXCELLENT OPERABILITY

SAFDUAL 100

AWS A5.20: E71T-1M-H4/E71T-1C-H4

EN ISO 17632-A: T 42 3 PM 1 H5/T 42 2 PC 1 H5



Advantages:

- Outstanding welding properties and easily controllable weld pool
- Developed for welding with C1 and optimized for Ar/CO₂ mix gas; smooth arc with low spatter
- Excellent operator appeal due to superior welding characteristics and premium slag system
- Full out-of-position capability and increased deposition rates
- H4 class in 1,6 mm diameter
- ABS, DNV-GL, LRS, BV, RINA, RMRS approved

Welding positions (ISO/ASME)



PA/1G



PB/2F



PC/2G



PF/3Gu



PG/3Gd



PE/4G

Chemical composition, weld metal (wt. %):

Gas	C	Mn	Si	P	S
M21	0,05	1,45	0,5	0,015	0,009
C1	0,05	1,3	0,4	0,015	0,009

Mechanical properties, weld metal, AW:

Gas	Re (MPa)	Rm (MPa)	A (%)	Impact @-20°C (J)	Impact @-30°C (J)
M21	min. 420	500-640	26		>70
C1	min. 420	500-640	25	> 70	

Ordering information

Item # by most popular customer' choice:

Item #	Ø (mm)	Coil	Weight (kg)
W000281679	1.0	B300	16
W000281681	1.2	B300	16
W000281682	1.6	B300	16
W000281680	1.2	S200	5