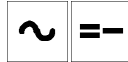


Coating type:

Rutile

Current:

Welding positions:

Arc voltage: 42V

Approvals:

CL, LR

Tip colour:

Blue

Printing:

Velveta / E42 0 RR / E 6013

Velveta is our rutile coated electrode for all welding positions, especially for vertical up position. The electrode is characterised by an extremely easy handling, smooth arc transfer, easy slag removal and a finely rippled bead surface. Velveta is the logic first choice for thin-walled pipe welding. Typical applications include assembly, workshop and repair welding of mild and low-alloyed structural steels. Velveta is an all-current type (AC/DC), which also operates on transformers with low OCV, min. 42V.

Base materials to be welded:

- Ships plate A-D, A(H)32-D(H)36, S315G1S-S355G3S
- Structural steel S185-S355J2, St.33-St.52, C(K)10-C(K)35
- Boiler steel P235GH-P295GH, HI, HII, 17Mn4
- Fine grain steel P275N-P355N, S275N-S355M, StE285-StE 355, StE285-StE355TM
- Pipe steel P235T1-P355N, L210-L360NB, St37.0-St52, St45.8, X42-X52, StE210.7-StE360.7TM
- Cast steel GP240R, GS45

Applications:

- Shipyards/offshore
- Construction works
- Bridge & road constructions
- Pressure vessel & boiler industry
- Repair Shops
- Office furniture industry
- Pipelines
- Gas industry

Equivalent product in alternative welding process:

SMAW	GMAW	FCAW	GTAW	SAW	Gas welding / brazing
-	K 60	Hilco 40	Fer SG 2	H60 / HW430	Fer G 1

Chemical composition, wt. % weld metal – typical:

C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Nb	V	Al
0,10	0,60	0,40	≤ 0,030	≤ 0,030							

Mechanical properties, weld metal – typical:

Condition	0,2% Yield strength MPa	Tensile strength MPa	Elongation Lo=5d - %	Impact Values ISO-V J
As welded	≥ 420	≥ 510	≥ 22	0°C ≥ 47

Packaging and welding data:

Dia. mm.	Length mm.	Weight (kgs) 1000 pcs.	Current A
2,0	300	10,0	50-70
2,5	350	19,2	60-100
3,2	350	31,3	80-140
4,0	350	46,0	130-180
4,0	450	59,0	130-180
5,0	450	90,0	180-240