ELOFIT
(product distributed by- NUPI Americas, Inc.)

RACC MOD70 USA VER2 EIPALTL_FL

INSTALLATION INSTRUCTIONS
LARGE DIAMETER FLANGED BALLOON SADDLE (EIPALTL_FL)
10” ÷ 18” outlet 4”

1. Place the fitting on the pipe.

2. Mark the area to be welded with a marker (00MARK).

3. Remove the fitting and highlight the pre-marked area.

4. Uniformly scrape the highlighted area with a manual scraper (00RAM1).

5. Clean the scraped surface of the pipe and the welding area of the fitting with isopropyl alcohol (00LID1) and wait until the cleaned parts are completely dry.

6. Immediately after scraping and cleaning, place the fitting on the scraped area of the pipe. Be careful not to contaminate the previously cleaned surfaces.

- HOW TO INSERT THE BELT -

7. Cut the ‘belt stop’ plastic straps.

8. Unwrap the belt from the anchor block and unlock the latch by pulling the lever upwards and open the anchor block.

9. Pass the end of the belt through the slot in the central pivot, from bottom to top. <u>THIS OPERATION MUST BE DONE AFTER LOOPING THE BELT AROUND THE PIPE.</u>

Nupi Americas, Inc. - 314 Commerce Parkway - Early Branch - SC 29916 - U.S.A.
ph. +1 803-398-3579 - fax: +1 803 398 3639
info@nupiamericas.com - **www.nupiamericas.com**

10. Operate the lever with alternating movement in order to wind the belt on the pivot until the desired length.
ATTENTION: this operation must be done for both belts.


11. Unwrap one belt from the anchor block and loop it around the pipe.

12. Fit the belt in the anchor block and wind it on the central pivot by operating the lever with alternated movement, as previously showed.

13. Place the belt in the appropriate seat on one side of the fitting and operate the lever with alternating movement, until the belt is sufficiently tight but the lever is not yet locked. Check if the saddle adheres perfectly to the pipe.

14. Repeat the operation for the other belt.

15. Operate again the levers of both belts until they are tight locked. Make sure that the saddle fits perfectly to the pipe and that the gap is kept to a minimum.

16. Connect the two cable pins of the welding unit to the connectors of the fitting (they are located on each lateral side).

17. Scan the barcode with the scanner (see fig.2) or enter manually (see fig.3) at the welding parameters and start the welding process.

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18. At the end of the welding cycle, re-tighten both belts again.

19. Remove the connectors, mark on the body of the fitting the number of the weld indicated on the display and the time that corresponds to the end of the cooling time. Wait for a cooling time of 1½ hours before proceeding with the further operations.

20. When installation is complete be sure to pressure test the fitting per your Company’s Specifications.
Refer to the cooling time in TABLE 1 before starting your test.

TABLE 1

RECOMMENDED WAITING TIMES BEFORE PRESSURE TEST START			
FOR GAS APPLICATIONS			
Dn pipe	P ≤ 100 PSI	P ≤ 150 PSI	P ≤ 217 PSI
10” ÷ 18”	cooling + 20’	cooling + 40’	cooling + 60’
FOR LIQUID APPLICATIONS			
Dn pipe	P ≤ 150 PSI	P ≤ 240 PSI	P ≤ 348 PSI
10” ÷ 18”	cooling + 20’	cooling + 40’	cooling + 60’

For gas pipelines:
The Max Operating Pressure for this fitting is 145 PSI.
The Max Test Pressure for this fitting is 217psi for 1 hour.
DO NOT EXCEED MAX OPERATING OR MAX TEST PRESSURES.

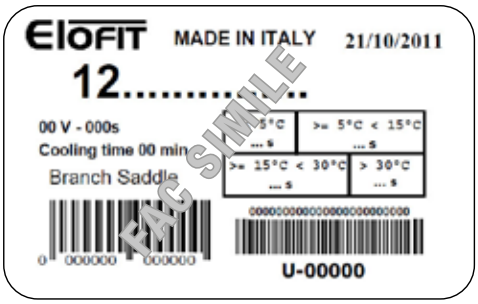
21. When the pressure test is over, it’s possible to connect the equipment, refer to the specific instructions of the manufacturer. The belt may be removed or left permamently.

- You can weld with polyvalent welding unit in automatic mode (with barcode scanner - see fig. 2) or in manual mode.
- In case of automatic welding, always check time and voltage parameters on the display after barcode scan.
- In case of manual welding, use time and voltage parameters indicated on the barcode.
- If the welding unit does not perform welding time compensation according to ambient temperature, use the parameters on the label affixed on the bag (see fig. 3).
- Keep at a safe distance during welding.

FIG.2 WELDING PARAMETERS

XXX00: FITTING CODE
00v: TENSION
000s: WELDING TIME
c.t. 00 m: COOLING TIME

FIG.3 MANUAL WELDING PARAMETERS



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