TURBOTEC PRODUCTS, INC.

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Technical Bulletin for Tightening Fittings on Plastic Coils	MFEP003	A	12/20/06	1 of 6

PURPOSE

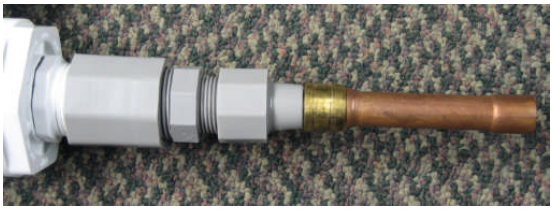
This Technical Bulletin describes the proper method for tightening fittings on plastic coils.

SCOPE

This Bulletin describes the steps to be followed for properly tightening both the 3 fitting style an 2 fitting style PVC refrigerant configuration. This document applies to Turbotec plastic-jacketed tube-in-tube coils.

RECOMMENDED PROCEDURE FOR 3 FITTING STYLE COIL

Refer to Figure 1A to determine leak location



1. If leak is found at Location 1 or 2:
    a. Tighten Fitting A ¼ turn and test, see Figure 2A. If leak still present tighten an additional ¼ turn. Repeat process until leak is repaired.

2. If leak is found at Location 3:
    a. Mark location of Fitting A. Need to mark threads to ensure proper tightening of fitting when reassembling.
    b. Loosen Fitting A.
    c. Tighten Fitting B ¼ turn as shown in Figure 3A.
    d. Reinstall Fitting A and tighten to marked location.
    e. Test unit and repeat Steps a through d if necessary.

3. If leak is found at Location 4:
    a. Mark location of Fittings A and B. Need to mark threads to ensure proper tightening of fitting when reassembling.
    b. Loosen Fitting A.
    c. Loosen Fitting B.
    d. Tighten Fitting C ¼ turn as shown in Figure 4.
    e. Reinstall Fitting B and tighten to marked location.
    f. Reinstall Fitting A and tighten to marked location.
    g. Test unit and repeat Steps a through f if necessary.

AUTHOR:	APPROVAL:	EFFECTIVE DATE:
C. MATULA	T. MIMITZ	2/23/05

RECOMMENDED PROCEDURE FOR 2 FITTING STYLE COIL

Refer to Figure 1B to determine leak location

1. If leak is found at Location 1 or 2:
    a. Tighten Fitting A ¼ turn and test, see Figure 2B. If leak still present tighten an additional ¼ turn. Repeat process until leak is repaired.
2. If leak is found at Location 3:
    h. Mark location of Fitting A. Need to mark threads to ensure proper tightening of fitting when reassembling.
    i. Loosen Fitting A.
    j. Tighten Fitting B ¼ turn as shown in Figure 3B.
    k. Reinstall Fitting A and tighten to marked location.
    l. Test unit and repeat Steps a through d if necessary

The steps described within this Technical Bulletin must be followed in the above order to ensure the fittings will not work loose. Damage may be caused to coil if this procedure is not followed. Over-tightening of components may lead to damage of fittings.

CUSTOMER AGREEMENT

We have read and understand the above procedure concerning the proper practices for tightening fittings on the plastic-jacketed tube-in-tube coils.

_____
Company Name

_____
Company Representative

_____
Date

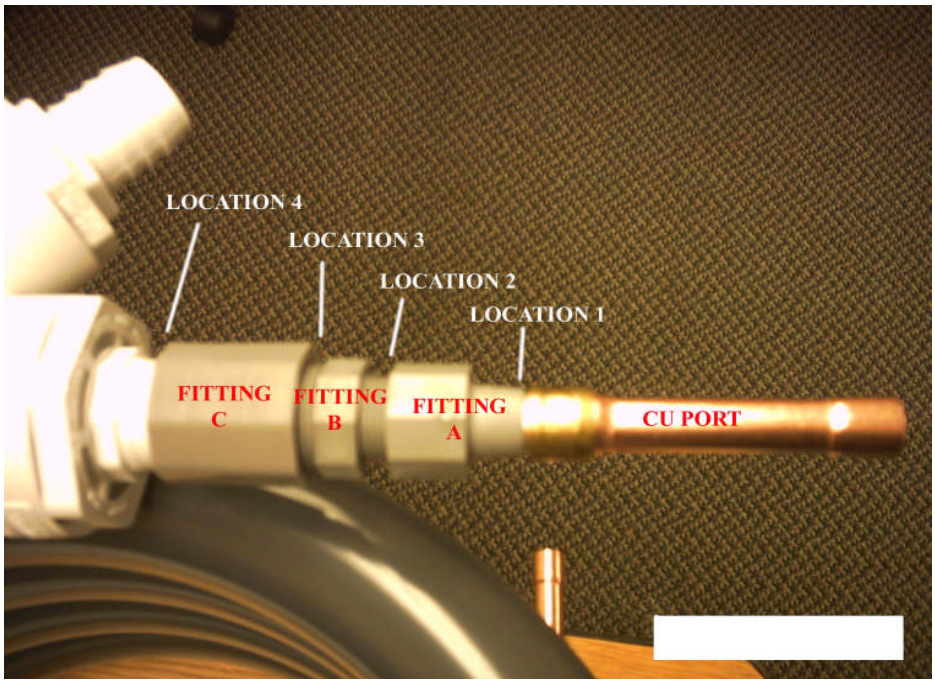


Figure 1A (3 Fitting Style)

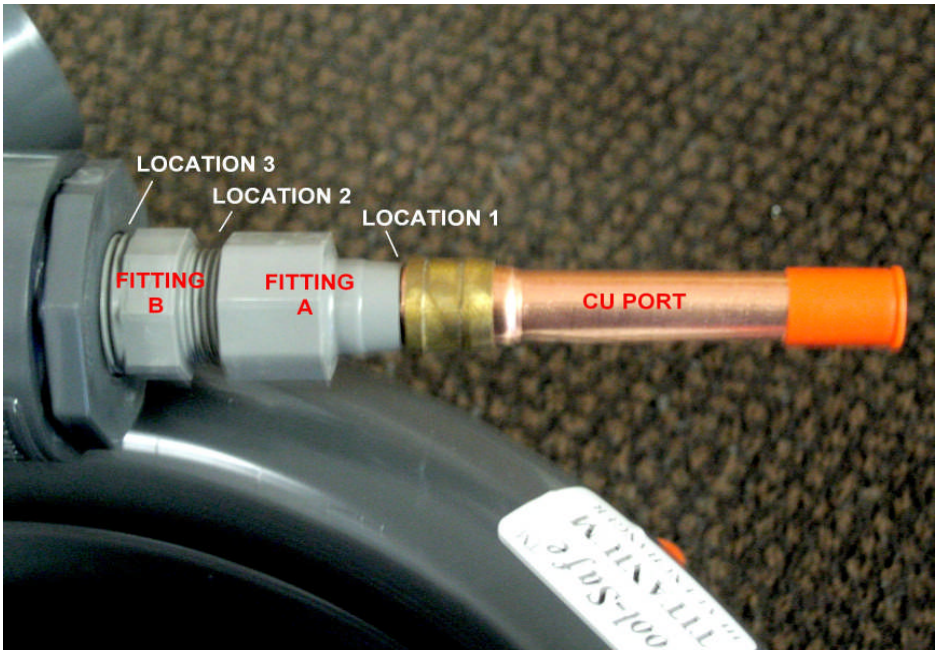


Figure 1B (2 Fitting Style)

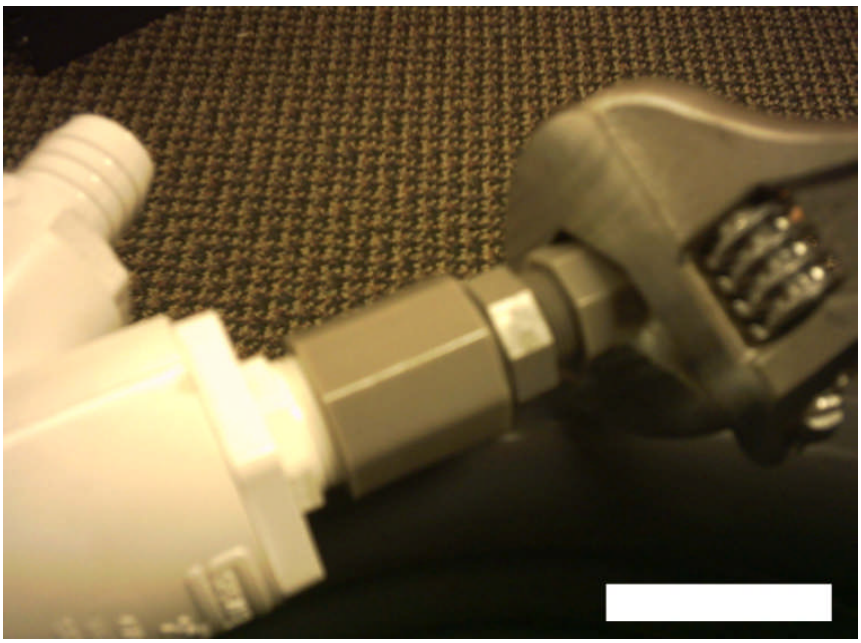


Figure 2A (3 Fitting Style)

Figure 2B (2 Fitting Style)

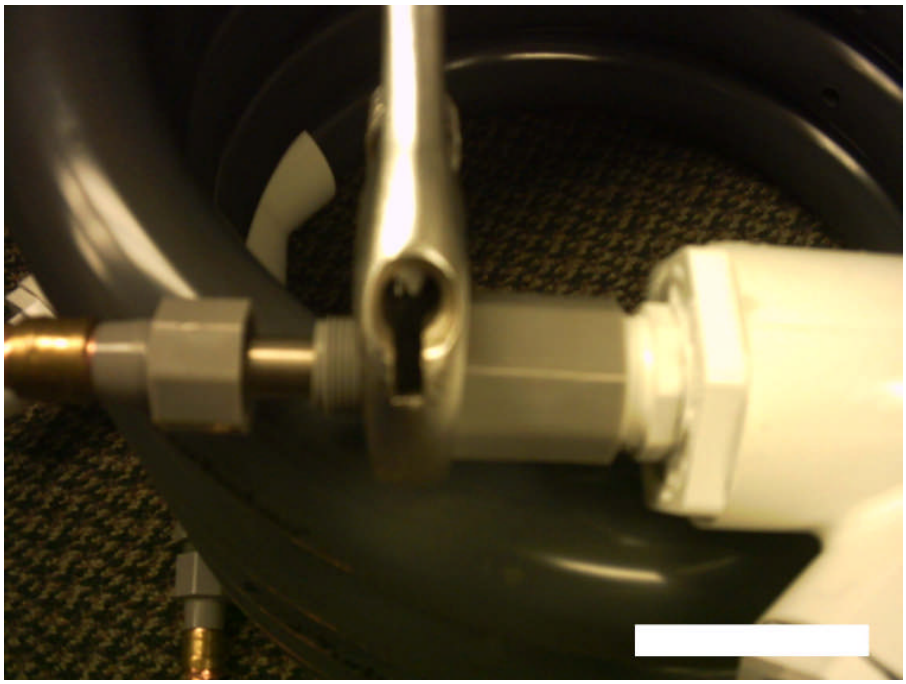


Figure 3A (3 Fitting Style)

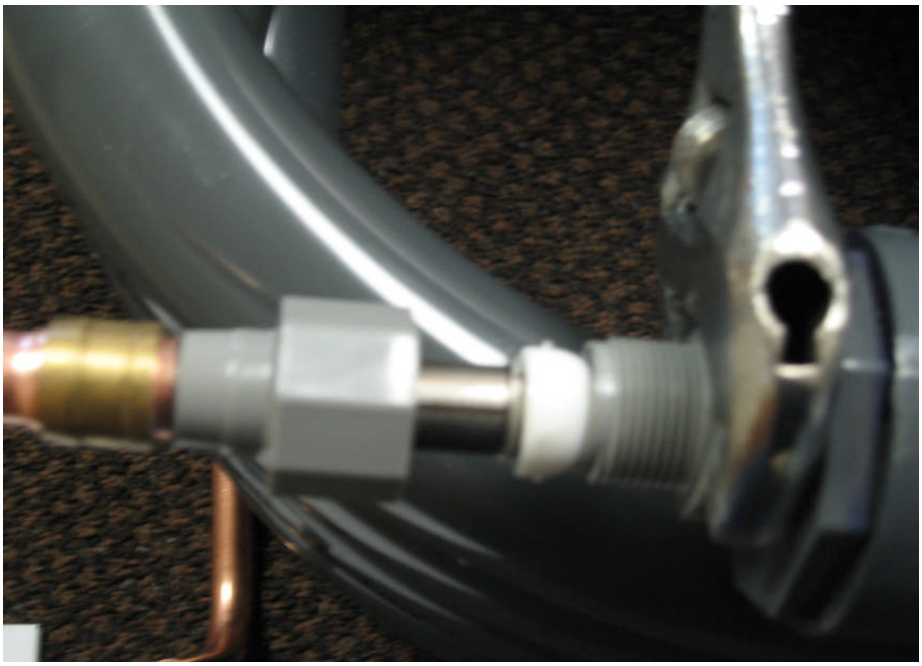


Figure 3B (2 Fitting Style)

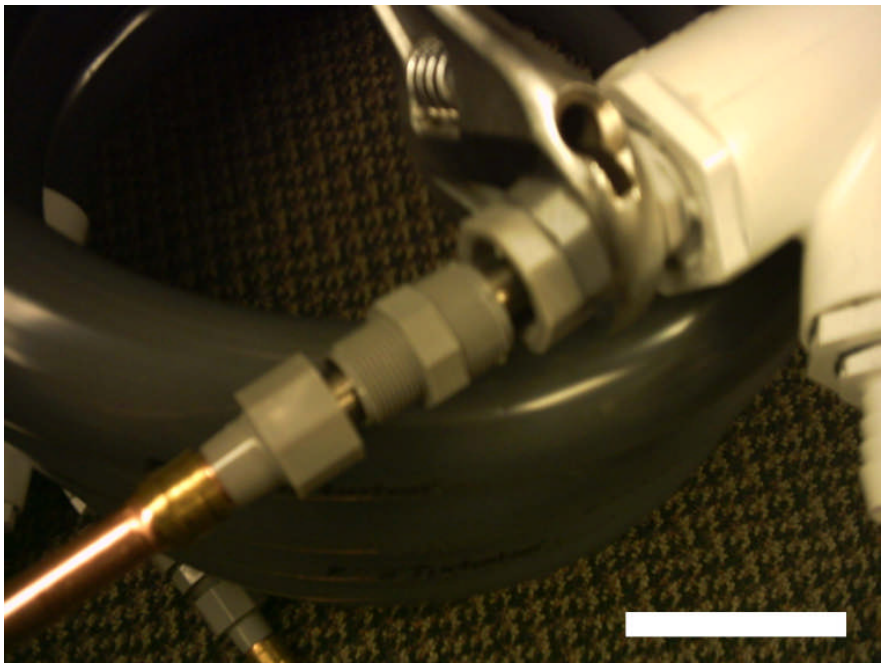


Figure 4 (3 Fitting Style)