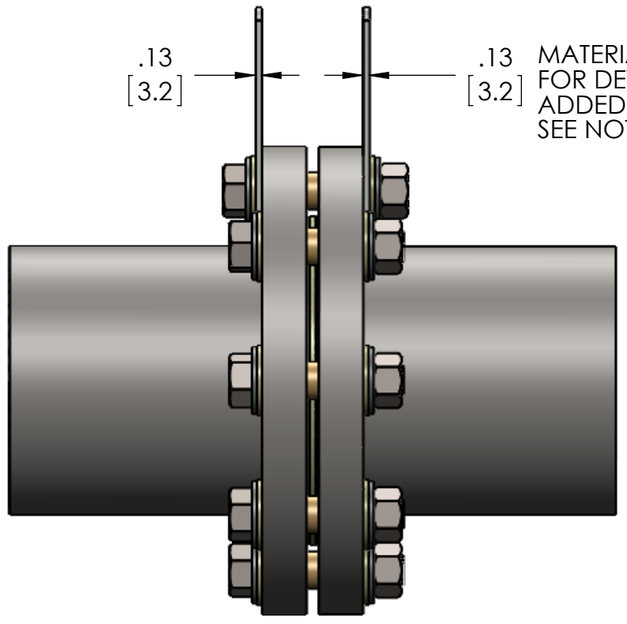
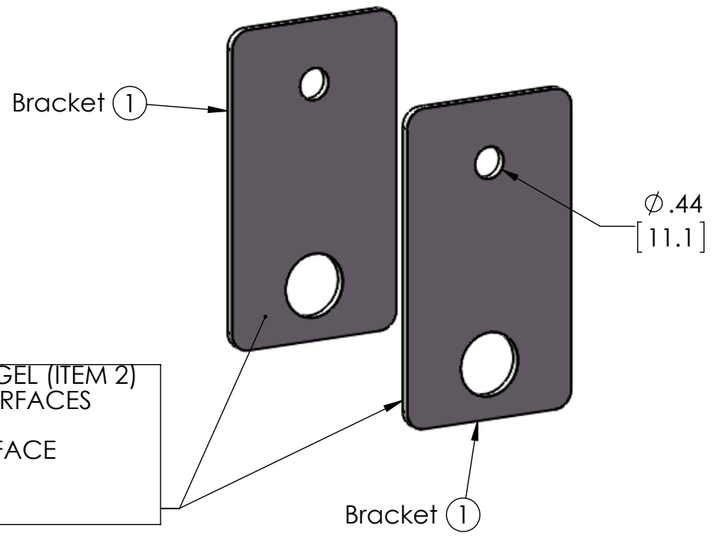
BILL-OF-MATERIAL (BOM) TABLE			
LINE NO.	DOCUMENT NUMBER	DESCRIPTION	QTY.
1	-	Bracket Adapter Plate P1-P3 Plated	2
2	3041	Tef-Gel	1
3	3156	Brush TefGel	1





ANSI Y14.5M 1994 APPLIES

UNLESS NOTED 63
UNITS: INCHES
3-PLACE: ±.005
2-PLACE: ±.015
1-PLACE / FRAC: ±.03
ANGULAR: ±1

DAIRYLAND ELECTRICAL INDUSTRIES, INC.

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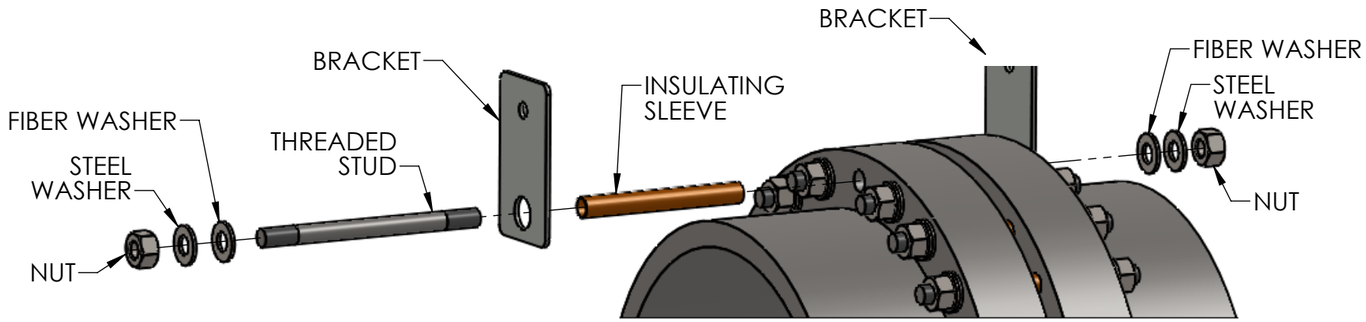
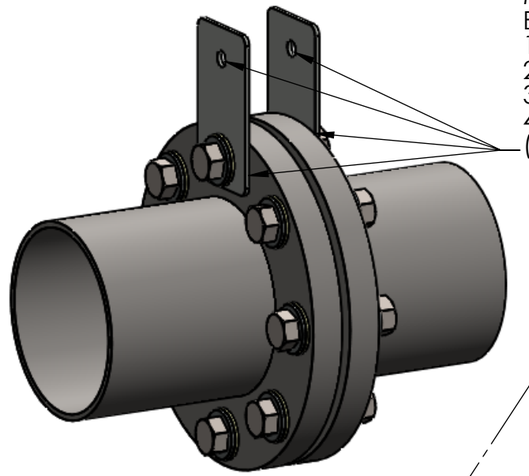
DESCRIPTION
AP INSTALLATION

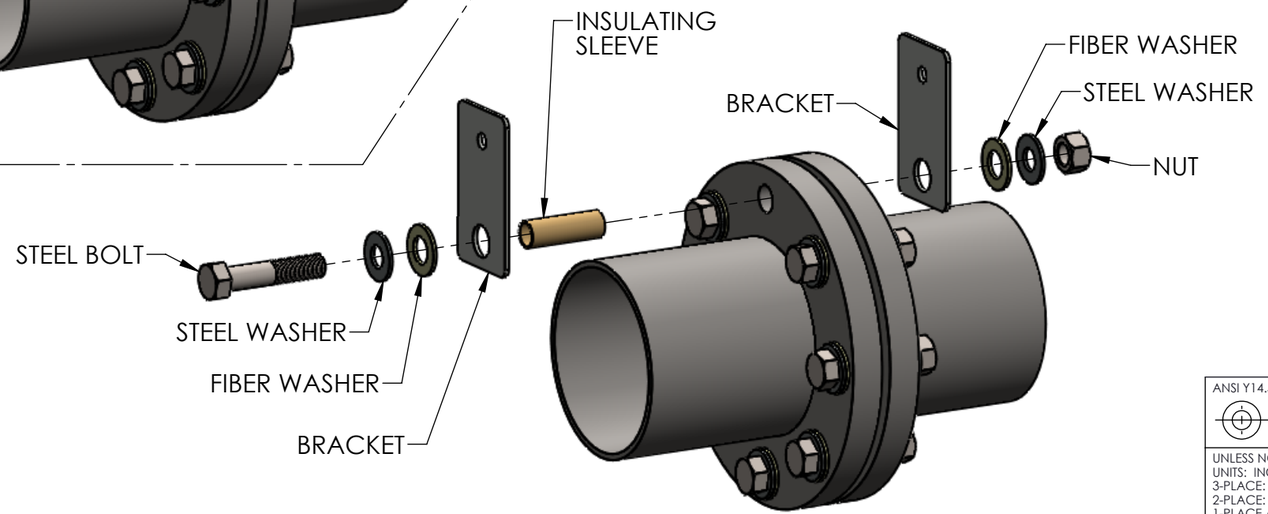
DOCUMENT #	REV	DATE DRAWN	DWG SIZE	DATE APPROVAL
100042	B	2014-01-13	B	2014-03-27

SCALE 2:3	DRAWN: JPW	SHEET: 1 OF 2	DWG APPROVAL: HNT





THIS VIEW APPLIES TO BOTH DRAWINGS
(TOP AND BOTTOM ON THE RIGHT)
APPLY THIN LAYER OF TEFGEL ON
METAL-TO-METAL INTERFACES
BEFORE ASSEMBLY
1. BRACKET 1 TO FLANGE FACE
2. BRACKET 2 TO FLANGE FACE
3. BRACKET 1 TO TERMINAL
4. BRACKET 2 TO TERMINAL
(4 PLACES)



The AP Kit consists of (2) different nickel plated copper brackets and TefGel, a corrosion inhibitor, and allow attachment of any Dairyland decoupling product, via cabled connection, to an insulated flange of the ANSI # Class and pipe diameter for which it was ordered. Cable and terminals are available by separately ordering the appropriate MTL kit.

1a. If the flange bolt to be used for mounting bracket has a nut and washers on one end, remove the nut and washers.

1b. If the flange bolt to be used for mounting bracket has nuts and washers on each end, remove the nut and washers from each end.

2. Ideally, a new sleeve would be made that is 1/4" longer than the existing flange bolt sleeve to account for the 1/8" thickness of the two mounting brackets, one installed against each flange face. If the insulating sleeve over the flange bolt is to be reused, then leave this sleeve in place, but when the installation is complete use a multimeter to confirm that the two flanges are electrically isolated from each other.

3. The insulating coating on each flange face must be removed where bracket will be in contact with the flange face.

4. Apply a thin coating of TefGel on the face of each bracket where it will be in contact with each flange face.

5a. If the flange bolt only has a nut and washers on one end, then remove this bolt and slide a steel washer, a fiber washer and then bracket against the bolt head. Then slide this bolt through the insulating sleeve all the way through both flanges. On the other end of the bolt, insert bracket, then a fiber washer followed by a steel washer and nut. Tighten the nut enough to hold the brackets upright but so they can still be rotated by hand for later alignment.

5b. If the flange bolt is a threaded stud that has a nut and washers on each end, slide this threaded stud through the insulating sleeve. Slide bracket, then a fiber washer followed by the steel washer and nut onto each end. Tighten the nuts on each end of the stud enough to hold the brackets but so they can still be rotated for later alignment.

6. Align all brackets as desired and then tighten all nuts on all bolts and confirm that the flange bolts have been torqued to their specified value.

7. Attach optional MTL cable and terminal kit, or customer supplied components, to the available hole in the Adapter Plate for a 3/8" diameter bolt, to allow connection of the Dairyland decoupling product. Use TefGel on hardware and under terminal pads to prevent corrosion.

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DESCRIPTION: AP INSTALLATION

DOCUMENT #	REV	DATE DRAWN	DWG SIZE	DATE APPROVAL
100042	B	2014-01-13	B	2014-03-27

SCALE 1:2 | DRAWN: JPW | SHEET: 2 OF 2 | DWG APPROVAL: HNT