

FIG 1.

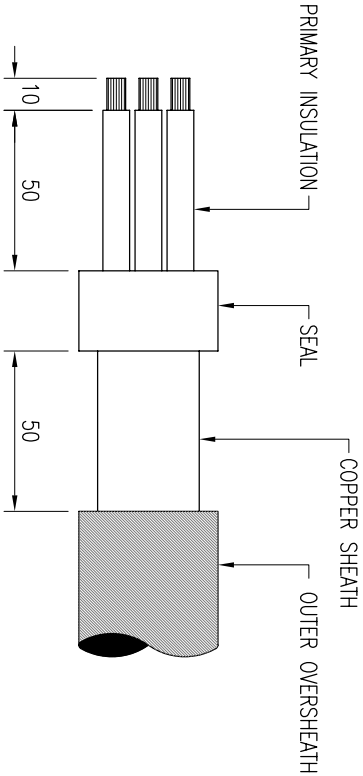


FIG 4.

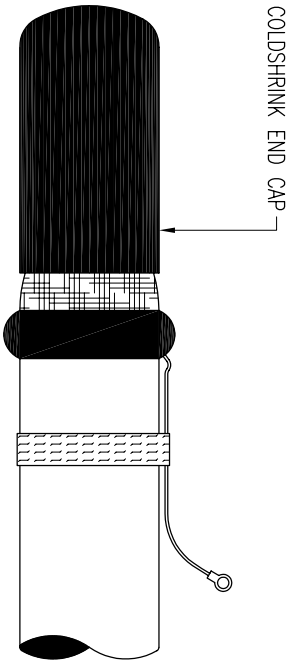


FIG 2.

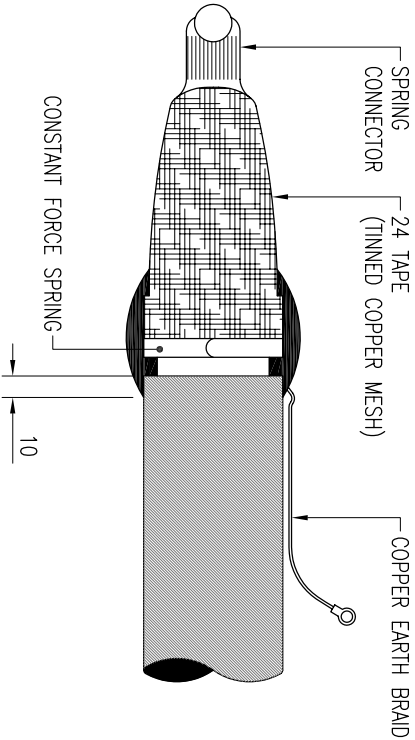


FIG 5.

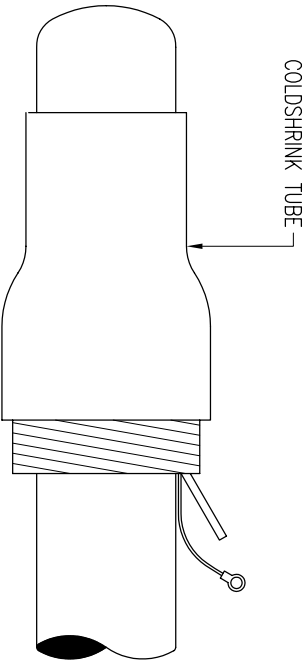
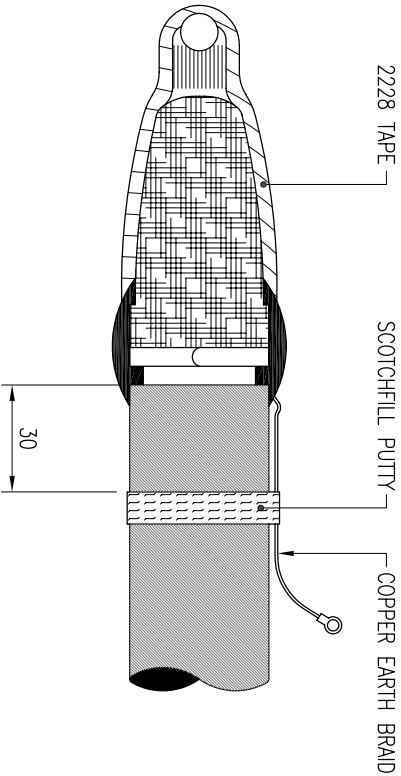



FIG 3.



| | | | | | |
|--|--|--|---|--------------|--------------|
|  <p>THORNE & DERRICK UK TEL 0044 117 977 4647 FAX 0044 977 5582 WWW.THORNEANDDERRICK.CO.UK</p> | | | COLD SHRINK CABLE ABANDONMENT KIT FOR 2, 3 & 4 CORE MINERAL INSULATED CABLES | | |
| ALL STATEMENTS, TECHNICAL INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON TESTS WE BELIEVE TO BE RELIABLE. HOWEVER, SINCE THE CONDITIONS OF USE AND THE APPLICATION ARE BEYOND OUR CONTROL, THE PURCHASER IS RESPONSIBLE FOR THE PERFORMANCE OF THE SPLICES AND TERMINATIONS MADE IN CONNECTION WITH THE USE OF DATA OR SUGGESTIONS STATED HEREIN. | | | 1 | FIRST ISSUE. | ERH 18.07.05 |
| Mod. Eng: Des. Eng: A.RUSSELL | | | DESCRIPTION / ECO | | |
| Drawn : E.REES-HAYWARD | | | BY | | |
| Cad File: 3023-0 | | | DATE | | |
| 3M ELECTRICAL PRODUCTS | | | XE 0091 3023 0 | | |
| | | | SHEET 1 OF 2 | | |
| | | | A3 | | |

| | |
|----------------|----------|
| Cable o/d (mm) | Kit Ref. |
| 8 – 9 | MISCCK/1 |

FIG.1

1.1 PREPARE CABLE AS SHOWN.

FIG.2

2.1 WRAP 2 HALF LAPPED LAYERS OF 24 TAPE (TINNED COPPER MESH) OVER THE CABLE STARTING AT THE CONDUCTORS UP ON TO THE COPPER SHEATH. FIT THE SPRING CONNECTOR OVER THE 24 TAPE AND THE CONDUCTORS.

2.2 FIT THE CONSTANT FORCE SPRING OVER THE 24 TAPE AND THE COPPER SHEATH. IF AN EXTERNAL EARTH IS REQUIRED THIS SHOULD BE FIXED BETWEEN THE 24 TAPE AND THE OUTER OVERSHEATH AT THE SAME TIME USING THE CONSTANT FORCE SPRING.

2.3 OVER TAPE THE CONSTANT FORCE SPRING WITH 2 LAYERS OF HIGHLY STRETCHED 23 TAPE APPLIED IN THE SAME DIRECTION AS THE SPRING. CONTINUE UP OVER THE OVERSHEATH FOR 10mm.

FIG.3

3.1 WHERE AN EARTH BRAID IS BEING USED APPLY 1 LAYER OF SCOTCHFILL PUTTY AROUND THE CABLE SHEATH AT GIVEN DIMENSION, PUSH BRAID INTO PUTTY AND APPLY SECOND LAYER OVER THE BRAID.

3.2 WRAP ONE LAYER OF 2228 TAPE OVER THE SPRING CONNECTOR AND THE 24 TAPE AND ENSURE A MINIMUM DIAMETER OF 15mm.



FIG.4

4.1 POSITION END CAP OVER END OF CABLE AS SHOWN, AND SHRINK ON TO THE CABLE BY UNWINDING THE CORE.

FIG.5

5.1 POSITION COLD SHRINK PST OVER CABLE.

5.2 COMMENCING 15mm ON END OF END CAP SHRINK DOWN COLD SHRINK PST BY UNWINDING CORE IN AN ANTI-CLOCKWISE DIRECTION.

| | | | | | |
|---|---------------------|--|-------------------|-----------------|----------|
| <div>  <div> WWW.CABLEJOINTS.CO.UK THORNE & DERRICK UK TEL 0044 191 480 1547 FAX 0044 477 5371 TEL 0044 110 677 4867 FAX 0044 677 5382 WWW.THORNEANDDERRICK.CO.UK </div> </div> | | 1 | FIRST ISSUE. | ERH | 18.07.05 |
| <small>ALL STATEMENTS, TECHNICAL INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON TESTS WE BELIEVE TO BE RELIABLE. HOWEVER, SINCE THE CONDITIONS OF USE AND THE APPLICATION ARE BEYOND OUR CONTROL, THE PURCHASER IS RESPONSIBLE FOR THE PERFORMANCE OF THE SPLICES AND TERMINATIONS MADE IN CONNECTION WITH THE USE OF DATA OR SUGGESTIONS STATED HEREIN.</small> | | ISSUE | DESCRIPTION / ECO | BY | DATE |
| Mod. Eng: | Des. Eng: A.RUSSELL | COLDSHRINK CABLE ABANDONMENT KIT FOR 2, 3 & 4 CORE MINERAL INSULATED CABLES | | | |
| Drown : E.REES-HAYWARD | Checked : | | | | |
| Cad File: 3023-0 | Released : | | | | |
|  ELECTRICAL PRODUCTS | | XE 0091 3023 0 | | SHEET 2 OF 2 | A3 |