

PRODUCT SPECIFICATIONS

PSP Systems Accessories

HEAT TRACING CABLES

CONNECTION BOXES



PSP Field Junction Box... is a stainless junction box designed to be placed between the control panel and the on-the-pipe power box. This allows connection of power to the circuit of the pipe outside of the high temperature environment, and easy access for disconnecting the circuit during maintenance. Rated for ATEX/IECEX, Ex eb, Ex tb, IP66, up to 5000V. 914 x 610 x 203 mm.



PSP External Splice Box... a stainless junction box designed to make splice connections outside of the insulation for high temperature applications. Rated for ATEX/IECEX, Ex eb, Ex tb, IP66, up to 5000V. 406 x 305 x 152 mm.



PSP Boxes... designed to fit under the insulation and conform to the pipe to make insulating around each box easier. Each box comes complete with a gasket to allow re-entry during maintenance, and high temperature primer for corrosion protection.

- PBR...**for power connection with right power entry.
- PBL...**for power connection with left power entry.
- PSB...**for pulling conductor and making splices.
- ETB...**for terminating the circuit.
- EPSB...**for making external splices

CABLE SPLICE KITS, TERMINATION KITS AND MISCELLANEOUS ITEMS



PSP - Splice - HT... designed for making splices in higher temperature lines. Rated up to 180°C. Each kit makes five (5) splices. Part number TH2A00
Available for conductor sizes 2, 4, 6, and 8 AWG.



PSP - Splice - LT... designed for making splices in lower temperature lines. Rated up to 125°C. Each kit makes five (5) splices.
Available for conductor sizes 2, 4, 6, and 8 AWG.

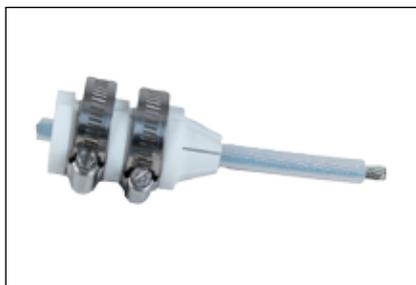


PSP Resin Kit... is an epoxy resin kit designed for providing extra protection against water intrusion in underground applications. Rated up to 80°C. Part number THR2A01

- Resin Kit 82-A2...**for 4, 6 and 8AWG conductors.
- Resin Kit 82-A3...** for 2 AWG conductors.



PSP - Term designed for making reliable connections of the **Petrolchimica** conductor and cold lead. Features nickel plated copper with two holes for hardware connection, and a long barrel for multiple crimps to the conductor. Part number HT3500S
Available for conductor sizes 1/0, 1, 2, 4, 6, and 8 AWG.



Strain Relief Fitting... designed to reduce the strain on **PSP** conductor in applications with large elevation changes. Features a high temperature Teflon® construction.



PSP Sleeve Coupling...designed to provide the correct size coupling to connect the boxes to the heat tube and each heat tube together. Each coupling is 50 mm long and has been deburred and chamfered at the factory.

- PC Sleeve Cplg SLC75-200-A106...**for 3/4" heat tubes.
- PC Sleeve Cplg SLC100-200-A106...**for 1" heat tubes.

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Pull Rope...designed to pull the ball pig and **PSP** conductor through the heat tube. The 6mm x 183m rope has a tensile strength of 8.6 MPa and a working load of 57 Kg.



Countersink 6 Flute... designed to deburr and chamfer the ends of all heat tubes. Features six flutes to reduce chattering. Shank diameter is 12.7 mm.



Heat Tube Air Test Kit... designed to ensure that all heat tube field weld joints are structurally and electrically sound. Kit includes pressure gauge and fits both 3/4" and 1" heat tube.



Foam Conduit Piston... designed to install the pull rope or fish line into the heat tubes for pulling in the **PSP** conductor.

Fitt Mouse 3/4"...for use with 3/4" heat tubes.

Fitt Mouse 1"...for use with 1" heat tubes.



Crimp Tool... designed for providing the mechanical crimp to the splice lugs and termination lugs. Full cycle mechanism releases only after full crimp cycle is completed.

K05-1SPGL... for 8-2 AWG conductors

K09-2SPGL... for 8-1/0 AWG conductors



Steel Ball w/Hole... designed for the ball pig test to ensure there is sufficient clearance for safe insertion of the **PSP** conductor into the heat tube.

Steel Ball w/ Hole 3/4"...for use with 3/4" heat tubes.

Steel Ball w/ Hole 1"...for use with 1" heat tubes.



Wire Pulling Grip... designed for safely attaching the pull rope to the **PSP** conductor for pulling into the heat tube.

7283K1...for cable diameters 6-9mm.

7283K2...for cable diameters 9-12mm.

7283K3...for cable diameters 12-15mm.

7283K9...for cable diameters 15-19mm.



CL... caution labels are vinyl-based peel and stick, with black letters on a yellow background, and are intended for direct exposure to industrial environments. Local codes and standards require electrically heated pipelines and vessels to be clearly identified "at frequent intervals along the pipeline or vessel." Caution labels should be placed at 3-6 m intervals or as required by code or specification.