



Application Guide

UCC 4 – Step Petrolatum System Flanges and Valves

1.0 Application Data

1.1 Surface Preparation Requirements

- 1.1.1 Clean steel substrate to ISO8501 1:1988 Class St2
- 1.1.2 Ensure that all sharp edges, weld spatter etc are removed.
- 1.1.3 A lightly damp surface is permissible, all loose rust, scale, old coatings, etc must be removed.
- 1.1.4 High Pressure Water Blasting may be utilized for surface preparation



1.2 Application of UCC Petrolatum Primer.

- 1.2.1 Apply UCC Petrolatum Primer by hand or glove to the cleaned substrate.
- 1.2.2 Apply a thin uniform film to the entire cleaned substrate requiring to be coated.
- 1.2.3 Apply a more substantial film to fill crevices and cavities & coat threads.





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1.3 Application Of UCC Petrolatum Mastics

- 1.3.1 Apply the required UCC Mastic (ST Petrolatum Mastic, HT Petrolatum Mastic, UltraLite Petrolatum Mastic) to profile angular projections which have the potential to perforate the UCC Petrolatum Tape.



1.4 Application of UCC Petrolatum Tape

- 1.4.1 Taking a suitable width of the required UCC Petrolatum Tape (ST Petrolatum Tape, HT Petrolatum Tape), initiate wrapping with a full circumferential turn of tape.
- 1.4.2 Progress the wrapping spirally, inclusive of a 55% overlap to achieve a double thickness of tape with each wrapping revolution.
- 1.4.3 Apply firm tension to the tape whilst wrapping to eliminate wrinkling.
- 1.4.4 Using a gloved hand smooth the wrapping progressively and smooth down tape overlaps to lock down edges.
- 1.4.5 When joining a new roll of tape ensure this overlaps the end of the previous roll by a minimum of 100mm.





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- 1.5 **Application of UCC PVC Overwrap Tape**
 - 1.5.1 Taking a suitable width of UCC PVC Overwrap Tape, initiate wrapping with a full circumferential turn of tape.
 - 1.5.2 Progress the wrapping spirally inclusive of a 55% overlap to achieve a double thickness of tape with each wrapping revolution.
 - 1.5.3 Apply firm tension to the tape whilst wrapping to eliminate wrinkling.
 - 1.5.4 When joining a new roll of tape ensure this overlaps the end of the previous roll by a minimum of 100mm.

