Reliable waterproofing is important to protect equipment and cables from damage caused by moisture penetration. The DXE-WK-3 Water Proofing Kit is one option to help ensure your Amateur Radio system is protected from moisture damage. The following describes the DXE-WK-3 Water Proofing Kit as being used with lightning protectors as an example, but this kit may also be used on other items that may require waterproofing as well.

Most lightning protectors are not waterproof. The DXE-WK-3 Water Proofing Kit is used to fully encase a lightning protector and the connectors that are in an environment that would allow moisture to accumulate. The DXE-WK-3 Water Proofing Kit is used to prevent moisture from penetrating the lightning protector. Included in the DXE-WK-3 Water Proofing Kit is one roll of Scotch® Super 88 Vinyl Electrical Tape, 3/4” wide by 66 feet long. One piece of Weather Proofing Material, 3” wide by 6” long. The weather proofing material may be cut into smaller pieces as needed. The weather proofing material is a non-conductive, black, tacky product that does not harden or crack and is reusable. The temperature range for this material is -65° F to +180° F. Large protectors or other items being protected may require more than one DXE-WK-3 kit.

When applying the DXE-WK-3, first use one layer of the Scotch® Super 88 Vinyl Electrical Tape over the connectors and threaded areas of the lightning protector. Peel the tacky material off of the paper backing. Cover all exposed area using the weather proofing material. You can slightly overlap pieces and squeeze or press the weather proofing material to itself for a complete weather proof seal. When the tacky material is all in place, add one layer of the Scotch® Super 88 Vinyl Electrical Tape. This layer helps prevent contamination of the tacky material from dust, dirt, etc.

The DXE-WK-3 Water Proofing Kit may also be used to seal cable entrances if the gaps are minimal.

To remove the weather proofing, remove the vinyl tape, peel back the tacky material and then remove the initial layer of electrical tape. This is accomplished easier when the surrounding temperature is warm. The tacky material may be pressed into a single layer and reused as long as there is no dirt or other contamination present.
Technical Support

If you have questions about this product, or if you experience difficulties during the installation, contact DX Engineering at (330) 572-3200. You can also e-mail us at:

DXEngineering@DXEngineering.com

For best service, please take a few minutes to review this instruction sheet before you call.

Warranty

All products manufactured by DX Engineering are warranted to be free from defects in material and workmanship for a period of one (1) year from date of shipment. DX Engineering’s sole obligation under these warranties shall be to issue credit, repair or replace any item or part thereof which is proved to be other than as warranted; no allowance shall be made for any labor charges of Buyer for replacement of parts, adjustment or repairs, or any other work, unless such charges are authorized in advance by DX Engineering. If DX Engineering’s products are claimed to be defective in material or workmanship, DX Engineering shall, upon prompt notice thereof, issue shipping instructions for return to DX Engineering (transportation-charges prepaid by Buyer). Every such claim for breach of these warranties shall be deemed to be waived by Buyer unless made in writing. The above warranties shall not extend to any products or parts thereof which have been subjected to any misuse or neglect, damaged by accident, rendered defective by reason of improper installation, damaged from severe weather including floods, or abnormal environmental conditions such as prolonged exposure to corrosives or power surges, or by the performance of repairs or alterations outside of our plant, and shall not apply to any goods or parts thereof furnished by Buyer or acquired from others at Buyer’s specifications. In addition, DX Engineering’s warranties do not extend to other equipment and parts manufactured by others except to the extent of the original manufacturer’s warranty to DX Engineering. The obligations under the foregoing warranties are limited to the precise terms thereof. These warranties provide exclusive remedies, expressly in lieu of all other remedies including claims for special or consequential damages. SELLER NEITHER MAKES NOR ASSUMES ANY OTHER WARRANTY WHATSOEVER, WHETHER EXPRESS, STATUTORY, OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS, AND NO PERSON IS AUTHORIZED TO ASSUME FOR DX ENGINEERING ANY OBLIGATION OR LIABILITY NOT STRICTLY IN ACCORDANCE WITH THE FOREGOING.

©DX Engineering 2017

DX Engineering®, DXE®, DX Engineering, Inc.®, Hot Rodz®, Maxi-Core®, DX Engineering THUNDERBOLT®, DX Engineering Yagi Mechanical®, EZ-BUILD®, TELREX®, Gorilla Grip® Stainless Steel Boom Clamps, Butternut®, SkyHawk™, SkyLark™, SecureMount™, OMNI-TILT™, RF-PRO-1B®, AFHD-4® are trademarks of PDS Electronics, Inc. No license to use or reproduce any of these trademarks or other trademarks is given or implied. All other brands and product names are the trademarks of their respective owners.

Specifications subject to change without notice.