

## Vulcanized Coating Dangler



### Product Features

The Dura Flex Dangler offered by TDG is our premier product.

All other coated danglers, although some being very durable, eventually harden because of the plating chemicals extracting any moisture within the coating. Our specially formulated rubber type product is not affected by chemicals and continues to be flexible for its entire use.

Several years ago The Dangler Guys did extensive research into the use of this custom rubber as a sleeve type coating to produce a superior dangler for the plating industry. Combining a heat/compression activated adhesive we were successful in vulcanizing the cable to the tubing. The vulcanization process bonds the two materials as one.

In addition, to make the product even more effective we have used a Type W 4/0 welding cable. Type W was the same stranding and ratings as our other 4/0 cables. However it has an OD of a full 1.00". The tubing vulcanized to the type W cable is 1.00" ID and a full 1.250" OD making it the largest inside the barrel OD cable available. The 1.00" OD cable is designed to fit all bearing holes that our experience shows them being 1.062" to 1.125".

The Dura-Flex dangler has proven itself to the degree that although it is our most expensive dangler product, it represents 30% of our overall business.

Our largest customers that have the most aggressive parts applications have gone one step further in using this product. For those customers we have

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- ♦ **1.250" OD inside the barrel.**
- ♦ **1" OD through the bearing super cable.**
- ♦ **Significant wear reduction at bearing.**
- ♦ **Ultimate Durability**
- ♦ **Higher cost—Longer Life**
- ♦ **Custom made to order.**
- ♦ **1 -7/16" OD steel head—3" or 4" length.**
- ♦ **Copper terminal 3/8" or 1/2" punch.**

extended the sleeve length to pass through the bearing hole by several inches. This has required them to drill out the bearing to just over 1.125" to accommodate the oversized sleeve.

This product will outlast any dangler available at a cost that will prove itself to show a savings in the long run.

The standard head (cathode) is offered in 3", 4" and a special 5" length. Each features a full radius end not available from other suppliers. The radius reduces trauma to smaller parts as well as less wear on the inside of the barrel cylinder.

The TDG solid copper terminal is flattened and punched in the standard 1/2" or optional 3/8" inch oversized hole to fit your mounting bolt.

All TDG dangler heads feature our exclusive Triple Crimp design.

This dangler can be used with any sized parts and barrel loads.

