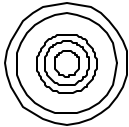


Betts Industries, Inc.

1800 Pennsylvania Ave. West
Warren, PA 16365 U.S.A.

Engineering Bulletin LD01-94

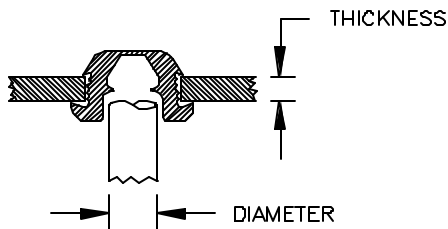
Subject: INSTALLATION GUIDELINES FOR BETTS CHOKE SEAL GROMMETS..



PART NUMBERS:

920413-2,3 or 4 Conductor Jacketed Cable Choke Seal

920420-Four Single Wire Choke Seal



NOTES:

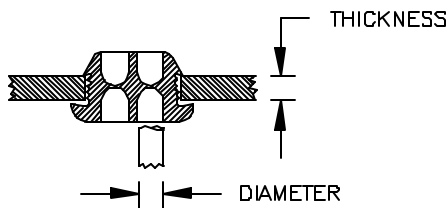
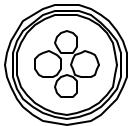
The Betts Industries choke seal part number 920413 is designed for use with single jacketed cables with a diameter of .295" to .375". Larger cables can be inserted but damage to the seal can result; smaller cables are likely to leak due to the reduced pressure in the diaphragm area

920413

Part number 920420 is designed for up to four single conductors.

It contains two holes each of two different sizes. The small holes are designed to seal on wires with diameters between .050" and .150" while the large holes will accept wires up to .180" diameter.

Larger or smaller wire diameters in these holes can be used, with the same cautions applying here that apply to the other seal.



Both choke seals are designed to fit holes with diameters of .500" to .587", in a range of thickness from .100" to .250". Mounting in thinner material is not recommended, but can be done. Thicker material causes the seal to stretch, which may reduce the sealing capability of the seal.

When piercing the diaphragm use a pointed object. ***Do not drill or use a knife, which may damage the sealing surface.***

It is best to apply wire-pulling lubricant before pulling wire or cable through grommet.

920420