

MAXBAG: SELF-INFLATING SEALING BAG



Future Network Flexibility

MaxBags are designed to create a seal between the conduit and communications cabling in a buried network structure. It's fast and easy to install. Simply pull the cord and it automatically inflates. MaxBag configurations support 2 through 4 inch conduit applications.

FEATURES

MaxBag is activated manually with no tooling requirement. Inflation is achieved via a pull cord mechanism activating an internal gas capsule as opposed to using external compressed air. This provides the following advantages:

- Consistent inflation
- No tools required
- No maintenance required for inflation tools and accessories
- Fast, flexible and easy to install, reducing installation time
- It is possible to install and seal even with water in the interior of the conduit
- Easy to remove
- Adaptable to any cable diameter (within nominal min. and max. cable OD)
- The life cycle of the product is a minimum of 20 years



APPLICATIONS

MaxBag is designed to create a barrier against the infiltration of silt, dirt/mud, debris and rodents into or out of buried conduit while also facilitating cable organization. MaxBag internal pressure is near 43.5psi.

PART NUMBER	OUTER DUCT NOMINAL DIAMETER (APP.)	CABLE MIN DIAMETER (APP.)	CABLE MAX DIAMETER (APP.)
MXCB2	63 mm (2.48 in)	7 mm (0.27 in)	45 mm (1.77 in)
MXCB3	90 mm (3.54 in)	10 mm (0.39 in)	60 mm (2.36 in)
MXCB4	110 mm (4.33 in)	12 mm (0.47 in)	80 mm (3.14 in)

Figures represent collective Minimums and Maximum Cable diameters for multi-cable installations.

TESTS

NAME	METHOD
Sealing	Immersion in water for 48 hours with a pressure of 50kPa (7.252psi)
Thermal Cycle	20 cycles of 12 hours oscillating between 15° and 50° C (59° to 122° F)
Vibration	10 day cycle with 10Hz vibration in the test cable
Chemical	Acid, hydroxide, sulfide, chloride and petrol by product resistance
Working Temp	-50° to 70° C (-58° to 158° F)

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