SUGGESTED
MANHOLE LID GASKET AND LID PLUG
SPECIFICATIONS

MATERIAL – The lid gaskets and plugs furnished under this classification shall be either molded, cut or extruded from a high quality rubber compound such as Nitrile, EPDM, Neoprene or a blend thereof. When extrusion is the method of manufacture for lid gaskets, the material shall be cured in a round forming mold to maintain a flat and circular finished form. The molded products shall have a minimum tensile strength of 1500psi, products cut from sheet material shall have a minimum tensile strength of 800 psi and extruded products shall have a minimum tensile strength of 1200 psi and all shall have a hardness (durometer) of 60±5.

GASKET – The lid gasket shall be available as specified, with the outside rib. It shall have a minimum thickness of 3/32inches and any splice used in fabrication shall have the strength such that it will withstand a 180 degree bend without visible separation.

PLUG – The vent and pick hole plugs shall be furnished in the style specified and in the size needed to insure watertightness.

INSTALLATION – To properly install the lid gasket, the lid bearing surface area of both the frame and the lid shall be wire brushed and cleaned of all loose rust, scale or debris. A small bead of butyl caulk, conforming to AASHTO M-198 Type B, shall be applied to the clean and dry bearing surface of the frame prior to the installation of the gasket or on the side of the lid recess is removed. To install the plugs, the vent holes, pick holes and the immediate area around them shall be cleaned and the plugs lubricated to facilitate insertion. Detailed installation procedures shall be in accordance with the manufacturer's instructions.

PAYMENT – Payment for installing manhole lid gaskets and plugs will be based on the unit price per lid as stated in the Bid Proposal. All necessary work and materials shall be included in the unit price for this item.