

Polytop Sets

These unique set configurations have found widespread popularity due to their high sealing efficiency.

A Garlock Polytop CHEVRON® set utilizes both squeeze and multiple lip type seals. Used in a set configuration, these two proven designs combine to provide maximum sealing performance.

Squeeze seals, such as the Garlock 9220 polyurethane U-Seal, provide excellent low pressure sealing performance. Lip seals, such as Garlock 432 CHEVRON®, provide low friction rates while maintaining responsiveness to pressure fluctuations.

Compounded from the highest quality urethane, the Garlock 9220 U-Seal is strong and abrasion-resistant. In the Polytop configuration, it replaces the traditional top adapter used with vee sets and provides an additional sealing lip.

The fabric and rubber composition of Garlock 432 CHEVRON® provides a strong, yet flexible, sealing system that dampens any pressure surges.

Unlike typical vee sets, Garlock Polytop sets need no axial preload or adjustment after startup, virtually eliminating the fear of catastrophic failure.



Polytop Sets and SLUDGE-PAK® Packing

Polytop sets and SLUDGE-PAK® are similar in design because they combine different styles of packing. In performance, where it counts, these unique sets offer some significant features and benefits.

SLUDGE-PAK® Packing



For Vertical Sludge Pumps

These unique, combination sets from Garlock for use in Carter, Marlow, Komline Sanderson and Passavant vertical sludge pumps have gained wide acceptance in the waste treatment industry.

SLUDGE-PAK® hydraulic packing sets are designed to reduce the friction and abrasion so often associated with vertical sludge pumps. This unique packing arrangement decreases the chance of scoring plungers as might occur with the use of a packing set consisting only of braided packing.

The set's function is based upon the qualities of three types of packing. In the bottom of the stuffing box is Style 8921-K. Next is Style 432 CHEVRON® sealing rings. Topping off the set is a Style 9220 GARTHANE® (urethane) U-seal.

Garlock SLUDGE-PAK® packing is the best of three worlds... braided packing, CHEVRON® rings and urethane U-seals. The performance is unbeatable and necessary in today's waste treatment industry.

Features

The best properties of each component improve sealability

Combined styles react better to varying pressure conditions

Individual components do not cause equipment damage

Benefits

■ Longer life, fewer repacks

■ Less chance of costly premature failure

■ Reduces expensive downtime and wear on spare parts