

## Material Update for Compressor Valve Plates

### PEEK Material Replaces Stainless Steel

Effective immediately all stainless steel valve plates used in vertical compressor models 591, 691, 791, and 891 and all horizontal compressors with 5" and 6" cylinder sizes have been replaced with PEEK valve plates. Stainless steel valve plates are no longer available for the models mentioned above. This change comes with no additional cost to the customer and gives Corken's compressors an additional competitive advantage in the market place.

PEEK, also known as a PolyEther Ether-Ketone, is a high performance thermoplastic with excellent mechanical and chemical resistance properties. Because of its robustness, it is highly resistant to wear, fatigue, and thermal degradation. In some of the most hostile application environments, PEEK valve plates can save time and money by extending the life of the valve assembly.

PEEK valve plates are designated by the letter "P" in the model number as indicated in the examples below:

#### Vertical Compressor Models with the PEEK Material:

691AM3PFBANSNN

FT691GM4PFBANSNN

FD891JM9PFDANSNN

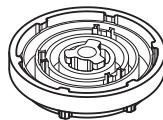
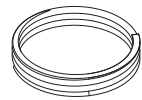
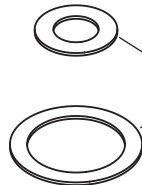
#### Horizontal Compressor Models with PEEK Material:

HG601BBOM4PFBANSNNN

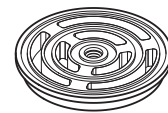
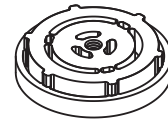
HG601CXOM9PFDBNSNNN

THG602BCGM9PFDENSNNN

Typical Suction Valve Assembly



Typical Discharge Valve Assembly



PEEK valve plate replaces stainless steel

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