

Silicone Free Valves **FAQ**



All Silicone free valves are double bagged to prevent contamination

Understanding the different options available in the market.



What does Assembled without Silicone mean?

These are valves that may utilize a silicone free lubricant, but make no reference to the type of facility that the valves are assembled in. It also makes no reference to the manufacturing process used as assembled without silicone does not mean the product was manufactured without silicone.

What does assembled in a Silicone Free Facility mean?

Valves manufactured in a silicone free facility are said to be silicone free, but the degree of cleanliness is left up to the discretion of the manufacturer. If the silicone free facility is not in compliance with a specific standard, there is no guarantee. Silicone contamination is not always visible to the naked eye so a silicone free facility may differ from one manufacturer to the next.

What does Silicone Free per ISO Standards mean?

Having a silicone free product to ISO standards guarantees a minimum level of cleanliness. The specific standard can be written into specifications by Engineers or may be required by the end user.

What can IPEX Provide?

All silicone free valves supplied by IPEX are expertly cleaned within a new clean room facility conforming to ISO 14644-1 clean room standards. The facility utilizes a three stage chemical cleaning process to ensure all valve components are free from traces of silicone. The valve is then dried using a compressed air system and bagged within a dual skin silicone free package to prevent contamination. In addition, a non-silicone lubricant is used for both the ball valves and butterfly valves to maintain efficient operation over the lifetime of the system or if required, valves can be supplied silicone and lubricant free. **With this technology, valves are supplied to you silicone free by IPEX.**