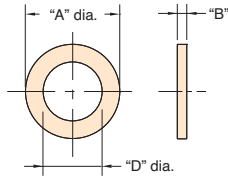




GASKETS

Gaskets



Nitrile gaskets are designed for use with #10-32 threads; included with packaged Clippard fittings. -40 to 250°F.

FKM gaskets are designed for use with #10-32 threads in high temperature applications. -20 to 450°F.

Material	Order No.	"A" Dia.	"B"	"D" Dia.
Nitrile	11761-2	0.240"	0.022"	0.150"
FKM	11761-8	0.240"	0.022"	0.150"
Nylon	11761-4	0.307"	0.031"	0.192"
EPDM	11761-7	0.240"	0.022"	0.150"

Designed for use with #10-32 threads

Nylon gaskets are designed for use with #10-32 threads in applications that require nylon for chemical compatibility. 40 to 200°F.

EPDM gaskets are designed for use with #10-32 threads in applications that require EPDM for low temperature or chemical compatibility; do not use with petroleum-based lubricants. -60 to 300°F.

Gasket Tips Gaskets are recommended for use with Clippard fittings. They provide snug, dependable seals without extra effort or materials. The most popular gasket for static sealing of #10-32 threads is the 11761-2 Nitrile Gasket. This gasket is included with packaged fittings and comes installed on a variety of Minimatic® slip-on fittings. Overtightening fittings with gaskets may have a tendency to extrude the gasket. While this may be a concern, the actual sealing is being accomplished by a small piece of the gasket at the base of the threads.

Sealants There are a number of brands of anaerobic sealants that may be used with Clippard fittings. Anaerobic sealants are applied wet and harden when no longer exposed to air. their proper use results in a very effective, low cost seal. There are several alternate sealing methods:

1. sealant alone
2. gasket alone
3. gasket and sealant combination
4. none alone

The first two methods will provide adequate sealing for normal air pressures. When extra resistance to vibration is necessary or a permanent orientation of the fitting is required, use of the combination of both gasket and sealant is recommended.

Tips On Using Barb Fittings

Hose or Tubing Size. The use of different sizes of hose or tubing in your circuits deserves some care and consideration. In general, follow the manufacturer's guide for the size of hose or tubing you use. For air logic circuits, we recommend 1/16" ID for pilots and 1/8" ID for supplies and outputs.

Swivel Fittings. Minimatic® swivel connector fittings are very efficient in applications where joints need to be disconnected and reconnected frequently. Made with a threaded connection on one end and a swivel connection on the other, these fittings provide a true cost savings on pneumatic circuit designs. They are valuable also where short lengths of hose are being connected. Note: These are not rotating joints. They are for assembly benefits . . . not as a constant rotation connection.

Tightening #10-32 Fittings. TIGHTEN WITH CARE. Often a "finger tight" connection between Clippard fittings with anaerobic sealant is all that is required. When using a gasket, most Clippard #10-32 threaded fittings require no more than 9 inch-pounds of torque to seal. We recommend that this force not be exceeded. Use wrench #11770 with a 1/4" and 5/16" open-end.

