

Q&A

Which MicroPoly® formula is right for my application?

Selecting the right lubricant for your application is important. The following criteria should be examined when selecting a formula:

- Ambient temperature
- Bearing speed (see our Bearing Speed Calculator to calculate maximum speed allowable for standard MicroPoly formulas.)
- Contaminants (dirt, sand, water, washdown solution, etc.)
- Food grade application requirements

Consult our Cross Reference Guide for complete listing of all formulas. If you're still uncertain as to which formula to use, call customer service at 800-874-9638; they will be happy to help you select the right one.

Can I buy MicroPoly and install it in the bearings myself?

No. MicroPoly is a thermoplastic, not a grease. Installing MicroPoly in a bearing requires specialized equipment and trained personnel, and must be done at our production facility.

Can I buy bearings from you?

We don't sell bearings. If you are located overseas, we can help you obtain bearings in the U.S.

Why do you need both the cup and cone to fill a tapered roller bearing?

MicroPoly becomes a solid gel as it cures in your bearing. It must be molded around the cone using the mating cup to ensure the proper fill.

Can you replace the seals and shields on my bearings afterward?

For seals, it depends on the kind of bearing. We can replace rubber seals on single row ball bearings (usually indicated by -RS or -PP suffixes on the part number). We can replace seals on most Sealmaster Goldline bearings and most seals that are located on the bearing housing. If you have a sealed bearing not listed here, please call to discuss.

For shields, the answer is no. If we receive a shielded bearing, we will remove the shield from one side to install the MicroPoly and will leave the shield on the other side.

My needle roller bearing rides on the shaft. Why do you need an inner race?

MicroPoly becomes a solid gel as it cures in your bearing. It must be molded around an insert with the same tolerance as your shaft to ensure that you will be able to install it on your shaft once you receive it.

Why do you charge more for a housed ball bearing than for a ball bearing insert?

We are unable to process a bearing in the housing. If you send us a bearing in the housing, we have to remove the insert before we begin working on it, then reinstall it in the housing when we're done. You'll save money by removing them from the housings and just sending us the inserts; this will also save you on shipping by decreasing the weight.

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How long will the MicroPoly last?

The best answer we can give is "it depends." Some of our applications have run a decade or more. We have one customer who gets two weeks life from his MicroPoly-filled bearings, and he is thrilled because before he used MicroPoly, his bearings lasted less than a day.

How long does it take to install it in a bearing?

The standard lead time is two weeks after we receive your bearings. We offer rush services for a reasonable charge. If two weeks is not sufficient, call customer service at 800-874-9638 to have your order expedited.

Can any bearing be filled with MicroPoly?

Most can, but they must have an inner and outer race, and we must be able to see the balls or the rollers to fill them. If bearings do not have an inner or outer race, sometimes we can have one made for the purposes of filling the bearing.

Do you have a minimum order requirement?

\$25 is our minimum order.

What else do you do besides fill bearings?

We're a lubrication company, and we lube a lot more than bearings! We have lubrication solutions for conveyor chains, ball screws, linear bearings, wheel flanges, gears, bushings, wear plates, and sliding friction applications. Our R&D staff specializes in solving lubrication problems and is willing to work with you to develop a solution that fits your needs.

What is your shipping policy?

Our customers make the shipping decisions and pay all shipping charges. We use whatever company you specify on the purchase order. Please be aware that most shipping companies have limits as to what they will reimburse for uninsured lost or damaged shipments. If you would like us to insure your shipment, please indicate this on the PO and include the value to be insured. We are not liable for the value of bearings damaged or lost in shipment.

How can I reach you with questions or to place an order?

Call 800-874-9638 or send us an email at salesteam@micropoly.com.



AFTER



BEFORE