

## ■ Technical Information

# PolyMot™ Spark Plug Leads and Extensions

## Replacement of Silicone Seal Rings

PolyMot™ spark plug leads and extensions from MOTORTECH are equipped with high-quality silicone seal rings to ensure the best possible insulation between Teflon sleeve and ceramic insulator of the spark plug.

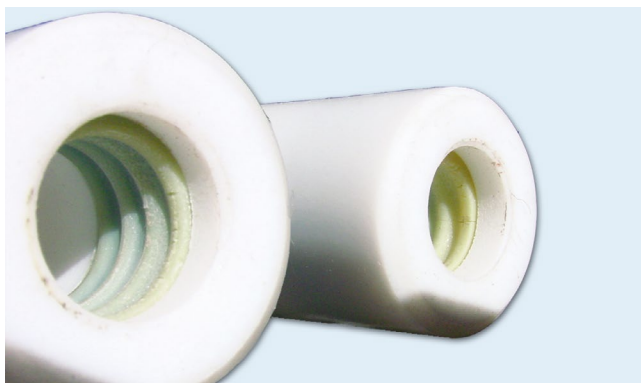
However, high engine temperatures, operation with aggressive gases or the formation of ozone cause the seal ring to age.

In order to achieve optimum sealing and protection against arcing and the highest possible service life at all times, we recommend:

- Check the condition of the seal rings regularly, e.g. when changing or servicing spark plugs
- Replace seal rings as soon as they become discolored
- Replace the seal rings after 3,000 operating hours at the latest, or earlier for applications with higher loads
- Integrate the preventive replacement of the seal rings into your regular service intervals

## PolyMot™

MOTORTECH SPARK PLUG LEADS & EXTENSIONS



The aged and formerly blue seal rings are porous and show a distinct discoloration.



Proper insulation is no longer provided and replacement is necessary for further operation.

### DISTRIBUTION

Customers / others	Yes
Representatives and Sales Partners	Yes
OEM partners	Yes
MOTORTECH subsidiaries	Yes

## Technical Information

Silicone seal rings can be ordered from MOTORTECH in packs of 100.  
To do this, find out the part number of the sealing ring used, which is stamped on the underside.

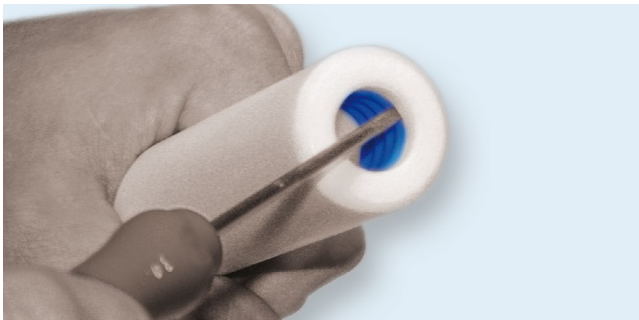


### Ordering Information

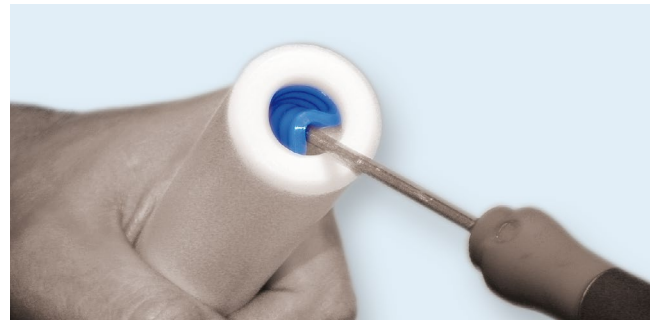
P/N	Outer Diameter	Inner Diameter	Height
06.84.033-100	19.0 mm	10.0 mm	12.0 mm
06.84.034-100	20.0 mm	12.0 mm	15.0 mm
06.84.038-100	20.0 mm	14.4 mm	15.0 mm
06.84.040-100	20.0 mm	14.0 mm	15.0 mm
06.84.044-100	20.0 mm	10.0 mm	15.0 mm
06.84.059-100	20.0 mm	11.2 mm	15.0 mm
06.84.077-100	20.0 mm	13.5 mm	15.0 mm
06.84.121-100	16.0 mm	10.0 mm	11.0 mm

### For removal of the old seal please follow these steps

1. Insert the screw driver between teflon extension and silicone seal.



2. Lever off the ring with the screw driver.



3. Push the silicone seal into the bore of the teflon extension the part number faces downwards.

Due to the lower temperature inside the extension there is a good chance to read the part number of the aged seal.



4. Carefully press the silicone seal into the nut using the screw driver.



Detailed instructions for replacing the silicone seal rings are available for download at <https://www.motortech.de/infocenter/download-center/operating-manuals.html>.

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