

# Nitrile Lip Seals

## PRODUCT OVERVIEW



Part #



316 SS  
Garter Spring

Tides Marine's replacement nitrile lip seals are specifically designed for each sealing system (propeller shafts / rudder stocks) produced by Tides Marine.

**They are the only lip seals covered under the Tides Marine Warranty.**

The outer shell is made of an Aramid fiber composite which is integrally molded to a rubber hinge with a nitrile edge. A 316-stainless steel garter spring is incorporated to distribute loads evenly over the propeller shaft or rudder stock.

When ordering replacement lip seals, note whether you have a SureSeal™ shaft seal or a STRONG™ Seal shaft seal. Descriptions of each are listed in the charts on the following pages.

**Note:** When ordering, please supply the lip seal part number (located on the face of the lip seal) to make sure you receive the correct replacement lip seal. It is also helpful if you can provide the Tides Marine Serial Number located on your existing part.

# Nitrile Lip Seals

## BEFORE ORDERING

### SureSeal™ (sold after year 2000)



#### Articulating Hose



#### Imperial (dimensions in inches)

| Shaft Diameter (inches) | PART Number     | Lip Seal Number |
|-------------------------|-----------------|-----------------|
| 3/4                     | LIP SEAL 0750   | 9983            |
| 7/8                     | LIP SEAL 0875   | 8465            |
| 1                       | LIP SEAL F 1000 | 9520            |
| 1 1/8                   | LIP SEAL F 1125 | 9558            |
| 1 1/4                   | LIP SEAL F 1250 | 5729            |
| 1 3/8                   | LIP SEAL F 1375 | 3740            |
| 1 1/2                   | LIP SEAL 1500   | 9041            |
| 1 3/4                   | LIP SEAL1750    | 15557           |
| 2                       | LIP SEAL F 2000 | 9043            |
| 2 1/4                   | LIP SEAL F 2250 | 10432           |
| 2 1/2                   | LIP SEAL F 2500 | 10121           |
| 2 3/4                   | LIP SEAL F 2750 | 11894           |
| 3                       | LIP SEAL 3000   | 9045            |
| 3 1/4                   | LIP SEAL 3250   | 9547            |
| 3 1/2                   | LIP SEAL 3500   | 11197           |
| 3 3/4                   | LIP SEAL 3750   | 7146            |
| 4                       | LIP SEAL 4000   | 7199            |
| 4 1/4                   | LIP SEAL 4250   | 7040            |
| 4 1/2                   | LIP SEAL 4500   | 9170            |
| 5                       | LIP SEAL 5000   | 9629            |

#### Metric (dimensions in millimeters)

| Shaft Diameter (mm) | PART Number     | Lip Seal Number |
|---------------------|-----------------|-----------------|
| 25MM                | LIP SEAL F 25MM | 6726            |
| 30MM                | LIP SEAL F 30MM | 10569           |
| 35MM                | LIP SEAL F 1375 | 3740            |
| 40MM                | LIP SEAL F 40MM | 5536            |
| 45MM                | LIP SEAL F 45MM | 11499           |
| 50MM                | LIP SEAL-50MM   | 10015           |
| 60MM                | LIP SEAL-60MM   | 9319            |
| 65MM                | LIP SEAL-65MM   | 6869            |
| 75MM                | LIP SEAL F 75MM | 15174           |
| 80MM                | LIP SEAL-80MM   | 4801            |
| 85MM                | LIP SEAL-85MM   | 16431           |
| 90MM                | LIP SEAL F 90MM | 19819           |
| 95MM                | LIP SEAL-3750   | 7146            |
| 100MM               | LIP SEAL-100MM  | 9510            |
| 105MM               | LIP SEAL-105MM  | 11790           |
| 110MM               | LIP SEAL-110MM  | 16548           |
| 120MM               | LIP SEAL-120MM  | 30026           |
| 125MM               | LIP SEAL-125MM  | 19662           |

# Nitrile Lip Seals

## STRONG™ Seal (sold prior to year 2000)



## Straight Hose



### Imperial (dimensions in inches)

| Shaft Diameter (inches) | PART Number   | Lip Seal Number |
|-------------------------|---------------|-----------------|
| 3/4                     | LIP SEAL 0750 | 9983            |
| 7/8                     | LIP SEAL 0875 | 8465            |
| 1                       | LIP SEAL 1000 | 9257            |
| 1 1/8                   | LIP SEAL 1125 | 9460            |
| 1 1/4                   | LIP SEAL 1250 | 5728            |
| 1 3/8                   | LIP SEAL 1375 | 15099           |
| 1 1/2                   | LIP SEAL 1500 | 9041            |
| 1 3/4                   | LIP SEAL 1750 | 15557           |
| 2                       | LIP SEAL 2000 | 11551           |
| 2 1/4                   | LIP SEAL 2250 | 10418           |
| 2 1/2                   | LIP SEAL 2500 | 8497            |
| 2 3/4                   | LIP SEAL 2750 | 9732            |
| 3                       | LIP SEAL 3000 | 9045            |
| 3 1/4                   | LIP SEAL 3250 | 9547            |
| 3 1/2                   | LIP SEAL 3500 | 11197           |
| 3 3/4                   | LIP SEAL 3750 | 7146            |
| 4                       | LIP SEAL 4000 | 7199            |
| 4 1/4                   | LIP SEAL 4250 | 7040            |
| 4 1/2                   | LIP SEAL 4500 | 9170            |
| 5                       | LIP SEAL 5000 | 9629            |

### Metric (dimensions in millimeters)

| Shaft Diameter (mm) | PART Number     | Lip Seal Number |
|---------------------|-----------------|-----------------|
| 25MM                | LIP SEAL-25MM   | 6084            |
| 30MM                | LIP SEAL-30MM   | 17236           |
| 35MM                | LIP SEAL-1375   | 15099           |
| 40MM                | LIP SEAL-40MM   | 18329           |
| 45MM                | LIP SEAL-45MM   | 15265           |
| 50MM                | LIP SEAL-50MM   | 10015           |
| 60MM                | LIP SEAL-60MM   | 9319            |
| 65MM                | LIP SEAL-65MM   | 6869            |
| 75MM                | LIP SEAL-75MM   | 15089           |
| 80MM                | LIP SEAL-80MM   | 4801            |
| 85MM                | LIP SEAL-85MM   | 16431           |
| 90MM                | LIP SEAL-90MM   | 30019           |
| 95MM                | LIP SEAL-3750   | 7146            |
| 100MM               | LIP SEAL-100MM  | 9510            |
| 105MM               | LIP SEAL-105MM  | 11790           |
| 110MM               | LIP SEAL -110MM | 16548           |
| 120MM               | LIP SEAL-120MM  | 30026           |
| 125MM               | LIP SEAL-125MM  | 19662           |