

# SpiralTrac™

## Part Number Breakdown

### Example: **FI3000RS4000(ESC)**

The following part number identifies a device operating with greatly reduced flush (F), measured in inches (I), to fit over a 3.000" shaft (3000) in a pump with right fluid rotation (R). This is a split (S) SpiralTrac for in-place installation with split seals in a pump with a 4.000" seal cavity bore diameter (4000). The device is made of Carbon Graphite Filled PTFE (ESC).

*This part number applies to standard SpiralTrac configurations.*

### Example: **FI3000RS4000(ESC)22-0001**

This device corresponds to 22-0001 EnviroSeal drawing number, containing all sizing and feature information. This is a non-standard SpiralTrac design.

<b>F</b>	<b>I</b>	<b>3000</b>	<b>R</b>	<b>S</b>	<b>4000</b>	<b>(ESC)</b>	<b>22-0001</b>
1	2	3	4	5	6	7	8*

### 1. Operating Conditions (SpiralTrac version)

**F** - Flush required, **N** - Non fibrous applications, **D** - Fibrous applications,  
**C** - Chemical intermittent applications, **P** - For use with packing only

### 2. Measurement Units

**I** - Inches, **M** - Metric

### 3. Shaft Size

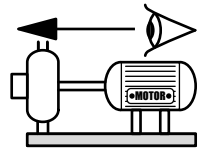
Actual diameter of rotating component under SpiralTrac. Depending on the pump, this may be a shaft, sleeve, or impeller hub diameter.

### 4. Shaft Rotation as viewed from the motor end

**R** - Right (CW), **L** - Left (CCW)

### 5. Installation Options (SpiralTrac type)

**A** - Counterbore fit, **B** - Bore fit, **S** - Axially split,  
**I** - Impeller side installation, **E** - Externally keyed



### 6. Outside Diameter

Actual diameter of the seal cavity bore.

### 7. Material

**ESC** - Carbon filled PTFE, **316** - Stainless Steel, **416** - Stainless Steel, **174** - Stainless Steel,  
**BRZ** - 660 Bronze. Other material options are available.

### \*8. EnviroSeal Issued Drawing Number (optional)

Each non-standard SpiralTrac is uniquely identified with a specific drawing number. This drawing contains all sizing information and special features specific to the device. Contact EnviroSeal ([support@enviroseal.ca](mailto:support@enviroseal.ca)) to inquire about a drawing.

## Part Number Breakdown

Example: **PI3000RS4000(ESC)2L1.000**

The following part number identifies a Packing Version SpiralTrac (P), measured in inches (I), to fit over a 3.000" shaft (3000) in a pump with right fluid rotation (R). This is a split (S) SpiralTrac for in-place installation that replaces the bottom two rings of packing (2) and the 1.000" long lantern ring (L1.000). Pump has a 4.000" stuffing box bore diameter (4000). The device is made of Carbon Graphite Filled PTFE (ESC).

*This part number code applies to typical Packing Version SpiralTrac configurations. For special configurations please forward a drawing or request to EnviroSeal (support@enviroseal.ca).*

<b>P</b>	<b>I</b>	<b>3000</b>	<b>R</b>	<b>S</b>	<b>4000</b>	<b>(ESC)</b>	<b>2L1.000</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>

### 1. Operating Conditions (SpiralTrac version)

P - For use with packing only

### 2. Measurement Units

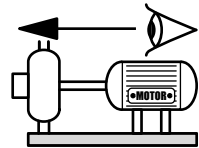
I - Inches, M - Metric

### 3. Shaft Size

Actual diameter of rotating component under SpiralTrac. Depending on the pump, this may be a shaft, sleeve, or impeller hub diameter.

### 4. Shaft Rotation as viewed from the motor end

R - Right (CW), L - Left (CCW)



### 5. Installation Options (SpiralTrac type)

A - Counterbore fit, B - Bore fit, S - Axially split, E - Externally keyed

### 6. Outside Diameter

Actual diameter of the stuffing box bore.

### 7. Material

ESC - Carbon filled PTFE, GLF - Glass filled PTFE, 316 - Stainless Steel, 416 - Stainless Steel, 174 - 17-4 Precipitation Hardened Stainless Steel, BRZ - 660 Bronze. Other material options are available.

### 8. Configuration

Determines the axial length of the device.

## Part Number Breakdown

Example: **NI3000RA4000(ESC)3.500/0.625**

The following part number identifies a Seal Version SpiralTrac (N), measured in inches (I), to fit over a 3.000" shaft (3000) in a pump with right fluid rotation (R). This is a Type A counter-bore fit installation type SpiralTrac (A) that often replaces the existing "L" shaped busing at the bottom of the seal cavity. Pump has a 4.000" cavity bore diameter (4000). The device is solid and it is made of 316 stainless steel (316).

*This part number code applies to typical Type A Seal Version SpiralTrac configurations. For special configurations please forward a drawing or request to EnviroSeal (support@enviroseal.ca).*

<b>N</b>	<b>I</b>	<b>3000</b>	<b>R</b>	<b>A</b>	<b>4000</b>	<b>(ESC)</b>	<b>3.500/0.625</b>
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1 2 3 4 5 6 7 8

### 1. Operating Conditions (SpiralTrac version)

**N** - Non fibrous applications, **D** - Fibrous applications, **C** - Chemical intermittent applications

### 2. Measurement Units

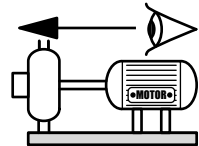
**I** - Inches, **M** - Metric

### 3. Shaft Size

Actual diameter of rotating component under SpiralTrac. Depending on the pump, this may be a shaft, sleeve, or impeller hub diameter.

### 4. Shaft Rotation as viewed from the motor end

**R** - Right (CW), **L** - Left (CCW)



### 5. Installation Options (SpiralTrac type)

**A** - Counterbore fit

### 6. Outside Diameter

Actual diameter of the stuffing box bore.

### 7. Material

**ESC** - Carbon filled PTFE, **GLF** - Glass filled PTFE, **316** - Stainless Steel, **416** - Stainless Steel, **174** - Stainless Steel, **BRZ** - 660 Bronze. Other material options are available.

### 8. Configuration

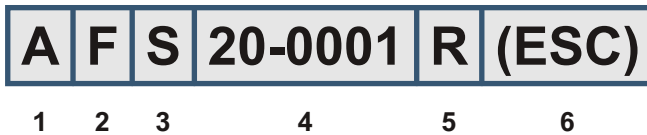
- **3.500**: Counterbore diameter is 3.500"
- **0.625**: Counterbore width is 0.625"

# SpiralTrac™ | Adaptor

## Part Number Breakdown

Example: **AFS20-0001R(ESC)**

The following part number identifies a SpiralTrac Adaptor (A) with greatly reduced flush (F). It is a split (S) Adaptor for on-site installation with split seals. It corresponds to 20-0001 EnviroSeal drawing number containing all sizing and feature information and it is designed to operate in a pump with right (clockwise) shaft rotation (R) as viewed from the motor or drive end. The device is made of Carbon Graphite Filled PTFE (ESC).



### 1. Operating Conditions (SpiralTrac version)

**A** - Adaptor. SpiralTrac Adaptor Part Numbers always start with "A".

### 2. Flush Required

**F** - SpiralTrac Adaptors are always recommended to be used with flush.

### 3. Split or Solid

**S** - Split

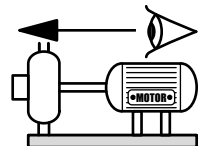
**N** - Non-split (solid)

### 4. EnviroSeal Issued Drawing Number

Each SpiralTrac Adaptor is uniquely identified with a specific drawing number. This drawing contains all sizing information and special features specific to the device. Contact EnviroSeal ([support@enviroseal.ca](mailto:support@enviroseal.ca)) to inquire about a drawing.

### 5. Shaft Rotation as viewed from the motor end

**R** - Right (CW), **L** - Left (CCW)



### 6. Material

**ESC** - Carbon filled PTFE, **316** - Stainless Steel, **416** - Stainless Steel, **174** - Stainless Steel, **BRZ** - 660 Bronze. Other material options are available.