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# Polyolefin Wheels

PO Wheels



Tests have proven **Polyolefin Wheels** to have superior resistance to water and chemicals, better abrasion resistance than hard rubber and a remarkable ability to withstand impact. They are designed for more applications than any other type of wheel.



POR-0820-12

## Features

**Wheel Bearing:** Choice of straight rollers, plain, celcon or ball bearings.

**Temperature Range:** -20° to 230°F

**Hardness:** 65 to 70 Shore D Durometer

## Applications

*Polyolefin wheels* are an excellent low cost wheel. Polyolefin is a very durable plastic material and these wheels can be used in a wide range of applications including bakeries, meat processing and packaging, dairies, food processing, laundries, supermarkets, offices, warehousing and manufacturing.

Most sizes of Polyolefin Wheels have a slightly crowned tread offering excellent rollability and maneuverability. Various sizes, bores and bearings are available for our Polyolefin Wheels. Our standard color is black, but it can be ordered in white.

## options

**WS** Wheel Seals

**TG** Thread Guard

**ZF** Zerk Fitting

## Specifications

| Wheel Diameter | Wheel Width | lbs. Capacity | Axle Diameter | Straight Roller Bearing | Ball Bearing | Plain, Oilite, Celcon Bearing | Hub Length | Approx Weight |
|----------------|-------------|---------------|---------------|-------------------------|--------------|-------------------------------|------------|---------------|
| 3"             | 1-1/4"      | 250           | 5/16"         |                         | POB-0312-05  | POP-0312-05                   | 1-1/2"     | 0.5           |
| 3"             | 1-1/4"      | 250           | 5/16"         |                         |              | POC-0312-05                   | 1-1/2"     | 0.5           |
| 3"             | 1-1/4"      | 250           | 3/8"          |                         | POB-0312-06  | POP-0312-06                   | 1-1/2"     | 0.5           |
| 3"             | 1-1/4"      | 250           | 3/8"          |                         |              | POC-0312-06                   | 1-1/2"     | 0.5           |
| 3"             | 1-1/4"      | 250           | 1/2"          |                         |              | POP-0312-08                   | 1-1/2"     | 0.5           |
| 3-1/2"         | 1-1/4"      | 275           | 5/16"         |                         | POB-3512-05  | POC-3512-05                   | 1-1/2"     | 0.5           |
| 3-1/2"         | 1-1/4"      | 275           | 3/8"          |                         | POB-3512-06  | POC-3512-06                   | 1-1/2"     | 0.5           |
| 3-1/2"         | 1-1/4"      | 275           | 3/8"          |                         |              | POP-3512-06                   | 1-1/2"     | 0.5           |
| 4"             | 1-1/4"      | 300           | 5/16"         |                         | POB-0412-05  | POP-0412-05                   | 1-1/2"     | 0.5           |

|    |        |     |       |             |             |             |         |     |
|----|--------|-----|-------|-------------|-------------|-------------|---------|-----|
| 4" | 1-1/4" | 300 | 5/16" |             |             | POC-0412-05 | 1-1/2"  | 0.5 |
| 4" | 1-1/4" | 300 | 3/8"  |             | POB-0412-06 | POP-0412-06 | 1-1/2"  | 0.5 |
| 4" | 1-1/4" | 300 | 3/8"  |             |             | POC-0412-06 | 1-1/2"  | 0.5 |
| 4" | 1-1/4" | 300 | 1/2"  |             |             | POP-0412-08 | 1-1/2"  | 0.5 |
| 4" | 1-1/2" | 375 | 3/8"  | POR-0415-06 |             | POP-0415-06 | 1-7/8"  | 0.7 |
| 4" | 1-1/2" | 375 | 3/8"  |             |             | POC-0415-06 | 1-7/8"  | 0.7 |
| 4" | 1-1/2" | 375 | 1/2"  | POR-0415-08 | POB-0415-08 | POP-0415-08 | 1-7/8"  | 0.7 |
| 4" | 1-1/2" | 375 | 1/2"  |             |             | POC-0415-08 | 1-7/8"  | 0.7 |
| 4" | 1-1/2" | 375 | 5/8"  | POR-0415-10 |             | POP-0415-10 | 1-7/8"  | 0.7 |
| 4" | 1-1/2" | 375 | 5/8"  |             |             | POC-0415-10 | 1-7/8"  | 0.7 |
| 4" | 1-1/2" | 375 | 3/4"  | POR-0415-12 |             | POP-0415-12 | 1-7/8"  | 0.7 |
| 4" | 1-1/2" | 375 | 3/4"  |             |             | POC-0415-12 | 1-7/8"  | 0.7 |
| 4" | 2"     | 500 | 1/2"  | POR-0420-08 | POB-0420-08 | POP-0420-08 | 2-7/16" | 1   |
| 4" | 2"     | 500 | 1/2"  |             |             | POC-0420-08 | 2-7/16" | 1   |
| 4" | 2"     | 500 | 5/8"  | POR-0420-10 |             | POP-0420-10 | 2-7/16" | 1   |
| 4" | 2"     | 500 | 5/8"  |             |             | POC-0420-10 | 2-7/16" | 1   |
| 4" | 2"     | 500 | 3/4"  | POR-0420-12 |             | POP-0420-12 | 2-7/16" | 1   |
| 4" | 2"     | 500 | 3/4"  |             |             | POC-0420-12 | 2-7/16" | 1   |
| 5" | 1-1/4" | 300 | 5/16" |             | POB-0512-05 | POP-0512-05 | 1-1/2"  | 0.6 |
| 5" | 1-1/4" | 300 | 5/16" |             |             | POC-0512-05 | 1-1/2"  | 0.6 |
| 5" | 1-1/4" | 300 | 3/8"  |             | POB-0512-06 | POP-0512-06 | 1-1/2"  | 0.6 |
| 5" | 1-1/4" | 300 | 3/8"  |             |             | POC-0512-06 | 1-1/2"  | 0.6 |
| 5" | 1-1/4" | 300 | 1/2"  |             |             | POP-0512-08 | 1-1/2"  | 0.6 |
| 5" | 1-1/2" | 440 | 3/8"  | POR-0515-06 |             | POP-0515-06 | 1-7/8"  | 0.7 |
| 5" | 1-1/2" | 440 | 3/8"  |             |             | POC-0515-06 | 1-7/8"  | 0.7 |
| 5" | 1-1/2" | 440 | 1/2"  | POR-0515-08 | POB-0515-08 | POP-0515-08 | 1-7/8"  | 0.7 |
| 5" | 1-1/2" | 440 | 1/2"  |             |             | POC-0515-08 | 1-7/8"  | 0.7 |
| 5" | 1-1/2" | 440 | 5/8"  | POR-0515-10 |             | POP-0515-10 | 1-7/8"  | 0.7 |
| 5" | 1-1/2" | 440 | 5/8"  |             |             | POC-0515-10 | 1-7/8"  | 0.7 |
| 5" | 1-1/2" | 440 | 3/4"  | POR-0515-12 |             | POP-0515-12 | 1-7/8"  | 0.7 |
| 5" | 1-1/2" | 440 | 3/4"  |             |             | POC-0515-12 | 1-7/8"  | 0.7 |
| 5" | 2"     | 650 | 1/2"  | POR-0520-08 | POB-0520-08 | POP-0520-08 | 2-7/16" | 1.1 |
| 5" | 2"     | 650 | 1/2"  |             |             | POC-0520-08 | 2-7/16" | 1.1 |
| 5" | 2"     | 650 | 5/8"  | POR-0520-10 |             | POP-0520-10 | 2-7/16" | 1.1 |
| 5" | 2"     | 650 | 5/8"  |             |             | POC-0520-10 | 2-7/16" | 1.1 |
| 5" | 2"     | 650 | 3/4"  | POR-0520-12 |             | POP-0520-12 | 2-7/16" | 1.1 |
| 5" | 2"     | 650 | 3/4"  |             |             | POC-0520-12 | 2-7/16" | 1.1 |
| 6" | 2"     | 700 | 1/2"  | POR-0620-08 | POB-0620-08 | POP-0620-08 | 2-7/16" | 1.3 |
| 6" | 2"     | 700 | 1/2"  |             |             | POC-0620-08 | 2-7/16" | 1.3 |
| 6" | 2"     | 700 | 5/8"  | POR-0620-10 |             | POP-0620-10 | 2-7/16" | 1.3 |
| 6" | 2"     | 700 | 5/8"  |             |             | POC-0620-10 | 2-7/16" | 1.3 |
| 6" | 2"     | 700 | 3/4"  | POR-0620-12 |             | POP-0620-12 | 2-7/16" | 1.3 |
| 6" | 2"     | 700 | 3/4"  |             |             | POC-0620-12 | 2-7/16" | 1.3 |
| 8" | 2"     | 800 | 1/2"  | POR-0820-08 | POB-0820-08 | POP-0820-08 | 2-7/16" | 2.1 |
| 8" | 2"     | 800 | 1/2"  |             |             | POC-0820-08 | 2-7/16" | 2.1 |
| 8" | 2"     | 800 | 5/8"  | POR-0820-10 |             | POP-0820-10 | 2-7/16" | 2.1 |
| 8" | 2"     | 800 | 5/8"  |             |             | POC-0820-10 | 2-7/16" | 2.1 |
| 8" | 2"     | 800 | 3/4"  | POR-0820-12 |             | POP-0820-12 | 2-7/16" | 2.1 |
| 8" | 2"     | 800 | 3/4"  |             |             | POC-0820-12 | 2-7/16" | 2.1 |