RS PRO

RS Better World

RECYCLED-CONTENT POLYAMIDE WHEELS

PRODUCT RANGE GUIDE



RS BETTER WORLD

Made from Recycled Materials

RS Better World

RECYCLED-CONTENT WHEELS

RS BETTER WORLD RS PRO

70%

Made from
post-consumer recycled material

Available in
Green or Black



* Also available with different types of castors

This RS PRO wheel is manufactured from advanced Nylon 6 containing **70%** post-consumer **recycled material content**, delivering reliable performance while helping organisations reduce their environmental impact. Compared with conventional virgin Nylon, the material offers a **74% reduction in CO_2 emissions**, helping to reduce the environmental impact of the product lifecycle.

The durable Nylon 6 construction provides excellent wear resistance, high load-bearing capability and long service life, making it suitable for a wide range of industrial material handling and mobility applications. Designed to combine performance with responsible material sourcing, this wheel is an ideal choice for organisations seeking more sustainable engineering solutions without compromising on quality or reliability.

Key Sustainability Benefits

- 70% recycled post-consumer material content
- 74% reduction in CO_2 emissions vs standard Nylon
- Reduced reliance on virgin raw materials
- helping organisations reduce their environmental impact.

Performance Benefits

- Tough, durable Nylon 6 construction
- Excellent abrasion resistance
- High load-carrying capability
- Long service life in industrial applications
- Non-Marking

CARBON FOOTPRINT

1.69

Kg CO2 eq

74%

Reduced CO2 compared to standard nylon

RECYCLED-CONTENT WHEELS

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RS BETTER WORLD RS PRO

These RS PRO Polyamide castor wheels are robust, high-load solutions designed for industrial applications on hard floors such as concrete and steel. Commonly used on trolleys, warehouse carts, and machinery bases, they provide low rolling resistance for easy handling and excellent wear resistance for long service life.



KEY BENEFITS

- High load capacity
- Smooth, low-effort movement
- Durable and abrasion resistant
- Non-marking on hard surfaces
- Suitable for cold and warm environments (wide temperature resistance)



TYPICAL INDUSTRIES

- Manufacturing & production
- Warehousing & logistics
- Food processing (see our stainless-steel housing version)
- Chemical & pharmaceutical
- Retail & distribution

Features

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Floor types

Concrete

Stoneware

Shore D

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AUDITED
In compliance with industry standard

INSPECTED
By leading engineers

TESTED
For guaranteed quality and performance

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RECYCLED-CONTENT POLYAMIDE WHEELS

RS BETTER WORLD RS PRO

TROLLEY WHEELS

in GREEN colour





Features

- Available in various Bearing Types
- Durable and abrasion resistant
- Non-marking on hard surfaces

Floor types

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RS Product	Bearing Type	Wheel Diameter (mm)	Wheel Width (mm)	Hub Width (Bore Length) (mm)	Wheel Hole (Bore Size) (mm)	Bearing Seat (mm)	Dynamic Load Capacity (kg)
885359	Plain Bore	80 mm	30 mm	40 mm	12 mm	N/A	150 kg
885360	Plain Bore	100 mm	30 mm	40 mm	12 mm	N/A	175 kg
885361	Plain Bore	125 mm	40 mm	50 mm	15 mm	N/A	300 kg
885362	Plain Bore	150 mm	40 mm	50 mm	15 mm	N/A	400 kg
885363	Plain Bore	160 mm	40 mm	58 mm	20 mm	N/A	420 kg
885364	Plain Bore	200 mm	50 mm	58 mm	20 mm	N/A	550 kg
885365	Ball Bearing	80 mm	30 mm	30 mm	15 mm	35x11 mm	150 kg
885366	Ball Bearing	100 mm	30 mm	30 mm	15 mm	35x11 mm	175 kg
885367	Ball Bearing	125 mm	40 mm	45 mm	15 mm	35x11 mm	300 kg
885368	Ball Bearing	150 mm	40 mm	35 mm	17 mm	42x12 mm	400 kg
885369	Ball Bearing	200 mm	50 mm	45 mm	25 mm	47x14 mm	550 kg
885400	Roller Bearing	80 mm	30 mm	40 mm	12 mm	N/A	150 kg
885401	Roller Bearing	100 mm	30 mm	40 mm	12 mm	N/A	175 kg
885402	Roller Bearing	125 mm	40 mm	50 mm	15 mm	N/A	300 kg
885403	Roller Bearing	150 mm	40 mm	50 mm	15 mm	N/A	400 kg

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RECYCLED-CONTENT POLYAMIDE WHEELS

RS BETTER WORLD RS PRO

TROLLEY WHEELS

in BLACK colour





Features

- Available in various Bearing Types
- Durable and abrasion resistant
- Non-marking on hard surfaces

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Floor types

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RS Product	Bearing Type	Wheel Diameter (mm)	Wheel Width (mm)	Hub Width (Bore Length) (mm)	Wheel Hole (Bore Size) (mm)	Bearing Seat (mm)	Dynamic Load Capacity (kg)
885427	Plain Bore	80 mm	30 mm	40 mm	12 mm	N/A	150 kg
885370	Plain Bore	100 mm	30 mm	40 mm	12 mm	N/A	175 kg
885371	Plain Bore	125 mm	40 mm	50 mm	15 mm	N/A	300 kg
885372	Plain Bore	150 mm	40 mm	50 mm	15 mm	N/A	400 kg
885373	Plain Bore	160 mm	40 mm	58 mm	20 mm	N/A	420 kg
885374	Plain Bore	200 mm	50 mm	58 mm	20 mm	N/A	550 kg
885375	Ball Bearing	80 mm	30 mm	30 mm	15 mm	35x11 mm	150 kg
885376	Ball Bearing	100 mm	30 mm	30 mm	15 mm	35x11 mm	175 kg
885377	Ball Bearing	125 mm	40 mm	45 mm	15 mm	35x11 mm	300 kg
885378	Ball Bearing	150 mm	40 mm	35 mm	17 mm	42x12 mm	400 kg
885379	Ball Bearing	200 mm	50 mm	45 mm	25 mm	47x14 mm	550 kg
885380	Roller Bearing	80 mm	30 mm	40 mm	12 mm	N/A	150 kg
885381	Roller Bearing	100 mm	30 mm	40 mm	12 mm	N/A	175 kg
885382	Roller Bearing	100 mm	40 mm	43 mm	12 mm	N/A	175 kg

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RECYCLED-CONTENT POLYAMIDE WHEELS

CASTOR WHEELS

in GREEN colour

- MEDIUM DUTY
- PLATE Mounting
- SWIVEL
- BRAKED or NON-BRAKED

- Made of **zinc-chromium plated pressed steel**
- Turning on double rim of balls
- Assembled with self-locking nut and dust cover ring on the balls.
- Durable and abrasion resistant
- Non-marking on hard surfaces

Floor types

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RS Product	Braked vs Non-Braked	Bearing Type	Wheel Diameter (mm)	Band Width (mm)	Plate Size (mm)	Plate Hole Spacing (mm)	Plate Hole Size (mm)	Ground Clearance (mm)	Offset (mm)	Dynamic Load Capacity (kg)	Static Load Capacity (kg)
885404	-	Plain Bore	80	30	100X085	080X060	8,5X12	108	37	120	150
885405	-	Plain Bore	100	30	100X085	080X060	8,5X12	128	37	120	150
885406	-	Plain Bore	125	40	100X085	080X060	8,5X12	155	42	170	220
885407	-	Plain Bore	150	40	100X085	080X060	8,5X12	181	45	200	250
885408	Braked	Plain Bore	80	30	100X085	080X060	8,5X12	108	37	120	150
885409	Braked	Plain Bore	100	30	100X085	080X060	8,5X12	128	37	120	150
885410	Braked	Plain Bore	125	40	100X085	080X060	8,5X12	155	42	170	220
885411	Braked	Plain Bore	150	40	100X085	080X060	8,5X12	181	45	200	250

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RECYCLED-CONTENT POLYAMIDE WHEELS

CASTOR WHEELS

in GREEN colour

- MEDIUM DUTY
- STAINLESS STEEL
- PLATE Mounting
- SWIVEL
- BRAKED or NON-BRAKED

- Made of pressed **stainless steel AISI 304**
- Turning on double rim of stainless-steel balls AISI 420
- Dust cover ring on the balls
- Durable and abrasion resistant
- Non-marking on hard surfaces

Floor types

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RS Product	Braked vs Non-Braked	Bearing Type	Wheel Diameter (mm)	Band Width (mm)	Plate Size (mm)	Plate Hole Spacing (mm)	Plate Hole Size (mm)	Ground Clearance (mm)	Offset (mm)	Dynamic Load Capacity (kg)	Static Load Capacity (kg)
885423	-	Plain Bore	80	30	100X085	080X060	8,5X12	107	37	150	190
885424	-	Plain Bore	100	30	100X085	105X080	11X16	128	37	150	190
885425	-	Plain Bore	150	40	100X085	105X080	11X16	181	45	200	250
885420	Braked	Plain Bore	80	30	100X085	080X060	8,5X12	108	37	150	190
885421	Braked	Plain Bore	100	30	100X085	080X060	8,5X12	128	37	150	190
885422	Braked	Plain Bore	150	40	100X085	080X060	8,5X12	181	45	200	250

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RECYCLED-CONTENT POLYAMIDE WHEELS

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CASTOR WHEELS

in GREEN colour

- **MEDIUM DUTY**
- **BOLT HOLE Mounting**
- **SWIVEL**
- **BRAKED or NON-BRAKED**

- Made of **zinc-chromium plated pressed steel**
- Turning on double rim of balls
- Durable and abrasion resistant
- Non-marking on hard surfaces
- Assembled with self-locking nut.

Floor types

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RS Product	Braked vs Non-Braked	Bearing Type	Wheel Diameter (mm)	Band Width (mm)	Ground Clearance (mm)	Offset (mm)	Plate Hole Size (mm)	Ground Clearance (mm)	Offset (mm)
								daN Dynamic	daN Static
885412	-	Plain Bore	80	30	106	37	12	120	150
885413	-	Plain Bore	100	30	126	37	12	120	150
885414	-	Plain Bore	125	40	150	42	12	170	220
885415	-	Plain Bore	150	40	178	45	12	200	250
885416	Braked	Plain Bore	80	30	106	37	12	120	150
885417	Braked	Plain Bore	100	30	126	37	12	120	150
885418	Braked	Plain Bore	125	40	150	42	12	170	220
885419	Braked	Plain Bore	150	40	178	45	12	200	250

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RECYCLED-CONTENT POLYAMIDE WHEELS

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CASTOR WHEELS

in GREEN colour

- MEDIUM DUTY
- STAINLESS STEEL
- BOLT HOLE Mounting
- SWIVEL
- BRAKED

- Made of pressed **stainless steel AISI 304**
- Turning on double rim of balls AISI 420
- Durable and abrasion resistant
- Non-marking on hard surfaces
- Assembled with self-locking nut.

Floor types

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RS Product	Braked vs Non-Braked	Bearing Type	Wheel Diameter (mm)	Band Width (mm)	Ground Clearance (mm)	Offset (mm)	Plate Hole Size (mm)	Ground Clearance (mm)	Offset (mm)
									
885426	Braked	Plain Bore	80	30	105	37	12	150	190

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RECYCLED-CONTENT POLYAMIDE WHEELS

CASTOR WHEELS

in BLACK colour

- MEDIUM DUTY
- PLATE Mounting
- SWIVEL
- BRAKED or NON-BRAKED

- Made of **zinc-chromium plated pressed steel**
- Turning on double rim of balls
- Assembled with self-locking nut and dust cover ring on the balls.
- Durable and abrasion resistant
- Non-marking on hard surfaces

Floor types

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RS Product	Braked vs Non-Braked	Bearing Type	Wheel Diameter (mm)	Band Width (mm)	Plate Size (mm)	Plate Hole Spacing (mm)	Plate Hole Size (mm)	Ground Clearance (mm)	Offset (mm)	Dynamic Load Capacity (kg)	Static Load Capacity (kg)
885383	-	Plain Bore	80	30	100X085	080X060	8,5X12	108	37	120	150
885384	-	Plain Bore	100	30	100X085	080X060	8,5X12	128	37	120	150
885385	-	Plain Bore	125	40	100X085	080X060	8,5X12	155	42	170	220
885386	-	Plain Bore	150	40	100X085	080X060	8,5X12	181	45	200	250
885387	Braked	Plain Bore	80	30	100X085	080X060	8,5X12	108	37	120	150
885388	Braked	Plain Bore	100	30	100X085	080X060	8,5X12	128	37	120	150
885389	Braked	Plain Bore	125	40	100X085	080X060	8,5X12	155	42	170	220
885390	Braked	Plain Bore	150	40	100X085	080X060	8,5X12	181	45	200	250

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RECYCLED-CONTENT POLYAMIDE WHEELS

CASTOR WHEELS in BLACK colour

- **HEAVY DUTY**
- **PLATE Mounting**
- **SWIVEL**
- **BRAKED**

- Made of **zinc-chromium plated pressed steel**
- **High thickness**
- Turning on double rim of balls fitted in hardening steel thrust-bearings
- Assembled with self-locking nut
- Durable and abrasion resistant
- Non-marking on hard surfaces

Floor types

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RS Product	Braked vs Non-Braked	Bearing Type	Wheel Diameter (mm)	Band Width (mm)	Plate Size (mm)	Plate Hole Spacing (mm)	Plate Hole Size (mm)	Ground Clearance (mm)	Offset (mm)	Dynamic Load Capacity (kg)	Static Load Capacity (kg)
885399	Braked	Roller Bearing	80	30	100X085	080X060	9X12	114	36	150	190
885428	Braked	Roller Bearing	100	30	100X085	080X060	9X12	131	36	175	220
885429	Braked	Roller Bearing	125	40	135X110	105X080	13X16	161	45	300	380
885430	Braked	Roller Bearing	150	40	135X110	105X080	13X16	184	50	400	500
885431	Braked	Roller Bearing	160	40	135X110	105X080	13X16	209	57	420	530
885432	Braked	Roller Bearing	200	50	135X110	105X080	13X16	244	57	550	690

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RECYCLED-CONTENT POLYAMIDE WHEELS

CASTOR WHEELS

in BLACK colour

- MEDIUM DUTY
- STAINLESS STEEL
- PLATE Mounting
- SWIVEL
- BRAKED

- Made of **stainless steel AISI 304**
- Turning on double rim of stainless-steel balls AISI 420
- Dust cover ring on the balls.
- Durable and abrasion resistant
- Non-marking on hard surfaces

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RS Product	Braked vs Non-Braked	Bearing Type	Wheel Diameter (mm)	Band Width (mm)	Plate Size (mm)	Plate Hole Spacing (mm)	Plate Hole Size (mm)	Ground Clearance (mm)	Offset (mm)	Dynamic Load Capacity (kg)	Static Load Capacity (kg)
885433	Braked	Roller Bearing	100	30	100X085	080X060	8,5X12	128	37	150	190
885434	Braked	Roller Bearing	125	40	100X085	080X060	8,5X12	155	42	170	220
885435	Braked	Roller Bearing	150	40	100X085	080X060	8,5X12	181	45	200	250

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RECYCLED-CONTENT POLYAMIDE WHEELS

CASTOR WHEELS

in BLACK colour

- **MEDIUM DUTY**
- **BOLT HOLE Mounting**
- **SWIVEL**
- **BRAKED or NON-BRAKED**

- Made of **zinc-chromium plated pressed steel**
- Turning on double rim of balls
- Durable and abrasion resistant
- Non-marking on hard surfaces
- Assembled with self-locking nut.

Floor types

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RS Product	Braked vs Non-Braked	Bearing Type	Wheel Diameter (mm)	Band Width (mm)	Ground Clearance (mm)	Offset (mm)	Plate Hole Size (mm)	Ground Clearance (mm)	Offset (mm)
								daN Dynamic	daN Static
885391	-	Plain Bore	80	30	106	37	12	120	150
885392	-	Plain Bore	100	30	126	37	12	120	150
885393	-	Plain Bore	125	40	150	42	12	170	220
885394	-	Plain Bore	150	40	178	45	12	200	250
885395	Braked	Plain Bore	80	30	106	37	12	120	150
885396	Braked	Plain Bore	100	30	126	37	12	120	150
885397	Braked	Plain Bore	125	40	150	42	12	170	220
885398	Braked	Plain Bore	125	40	232	55	16	300	380