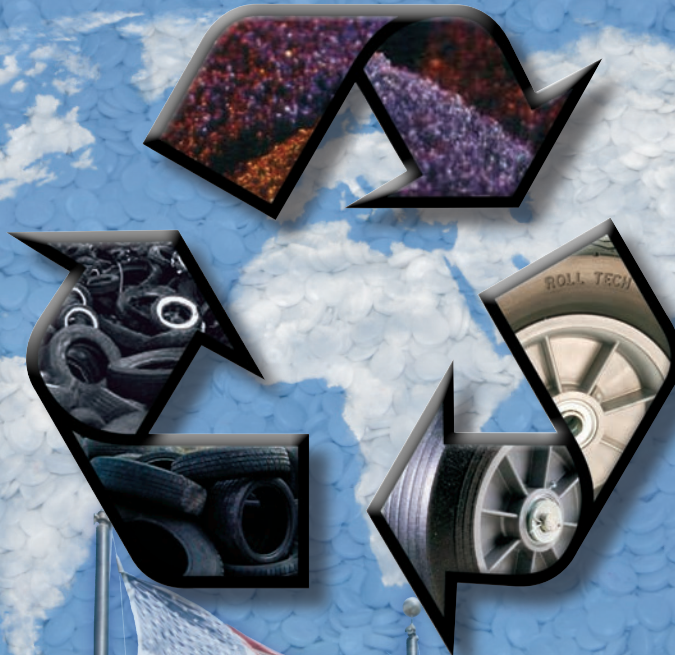




roll-tech molding products, llc

rmp





Roll-Tech Molding Products, LLC

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Roll-Tech proudly uses post consumer recycled products, made in the USA





Fraction to Decimal to Metric Conversion Chart

1mm = .03937" .001" = .0254mm

Fractions	Decimals	Millimeters	Fractions	Decimals	Millimeters	MM	INCHES	MM	INCHES
1/64"	.015625"	0.397	33/64"	.515625"	13.097	.1	.0039"	47	1.8504"
1/32"	.03125"	0.794	17/32"	.53125"	13.494	.2	.0079"	48	1.8898"
3/64"	.046875"	1.191	35/64"	.546875"	13.891	.3	.0118"	49	1.9291"
1/16"	.0625"	1.588	9/16"	.5625"	14.288	.4	.0157"	50	1.9685"
5/64"	.078125"	1.984	37/64"	.578125"	14.684	.5	.0197"	51	2.0079"
3/32"	.09375"	2.381	19/32"	.59375"	15.081	.6	.0236"	52	2.0472"
7/64"	.109375"	2.778	39/64"	.609375"	15.478	.7	.0276"	53	2.0866"
1/8"	.1250"	3.175	5/8"	.6250"	15.875	.8	.0315"	54	2.1260"
9/64"	.140625"	3.572	41/64"	.640625"	16.272	.9	.0354"	55	2.1654"
5/32"	.15625"	3.969	21/32"	.65625"	16.669	1	.0394"	56	2.2047"
11/64"	.171875"	4.366	43/64"	.671875"	17.066	2	.0787"	57	2.2441"
3/16"	.1875"	4.763	11/16"	.6875"	17.463	3	.1181"	58	2.2835"
13/64"	.203125"	5.159	45/64"	.703125"	17.859	4	.1575"	59	2.3228"
7/32"	.21875"	5.556	23/32"	.71875"	18.256	5	.1969"	60	2.3622"
15/64"	.234375"	5.953	47/64"	.734375"	18.653	6	.2362"	61	2.4016"
1/4"	.2500"	6.350	3/4"	.7500"	19.050	7	.2756"	62	2.4409"
17/64"	.265625"	6.747	49/64"	.765625"	19.447	8	.3150"	63	2.4803"
9/32"	.28125"	7.144	25/32"	.78125"	19.844	9	.3543"	64	2.5197"
19/64"	.296875"	7.541	51/64"	.796875"	20.241	10	.3937"	65	2.5591"
5/16"	.3125"	7.938	13/16"	.8125"	20.638	11	.4331"	66	2.5984"
21/64"	.328125"	8.334	53/64"	.828125"	21.034	12	.4724"	67	2.6378"
11/32"	.34375"	8.731	27/32"	.84375"	21.431	13	.5118"	68	2.6772"
23/64"	.359375"	9.128	55/64"	.859375"	21.828	14	.5512"	69	2.7165"
3/8"	.3750"	9.525	7/8"	.8750"	22.225	15	.5906"	70	2.7559"
25/64"	.390625"	9.922	57/64"	.890625"	22.622	16	.6299"	71	2.7953"
13/32"	.40625"	10.319	29/32"	.90625"	23.019	17	.6693"	72	2.8346"
27/64"	.421875"	10.716	59/64"	.921875"	23.416	18	.7087"	73	2.8740"
7/16"	.4375"	11.113	15/16"	.9375"	23.813	19	.7480"	74	2.9134"
29/64"	.453125"	11.509	61/64"	.953125"	24.209	20	.7874"	75	2.9528"
15/32"	.46875"	11.906	31/32"	.96875"	24.606	21	.8268"	76	2.9921"
31/64"	.484375"	12.303	63/64"	.984375"	25.003	22	.8661"	77	3.0315"
1/2"	.5000"	12.700	1"	1.000"	25.400	23	.9055"	78	3.0709"
						24	.9449"	79	3.1102"
						25	.9843"	80	3.1496"
						26	1.0236"	81	3.1890"
						27	1.0630"	82	3.2283"
						28	1.1024"	83	3.2677"
						29	1.1417"	84	3.3071"
						30	1.1811"	85	3.3465"
						31	1.2205"	86	3.3858"
						32	1.2598"	87	3.4252"
						33	1.2992"	88	3.4646"
						34	1.3386"	89	3.5039"
						35	1.3780"	90	3.5433"
						36	1.4173"	91	3.5827"
						37	1.4567"	92	3.6220"
						38	1.4961"	93	3.6614"
						39	1.5354"	94	3.7008"
						40	1.5748"	95	3.7402"
						41	1.6142"	96	3.7795"
						42	1.6535"	97	3.8189"
						43	1.6929"	98	3.8583"
						44	1.7323"	99	3.8976"
						45	1.7717"	100	3.9370"
						46	1.8110"		



We design, test & manufacture molded products for all kinds of applications.

Roll-Tech is a privately held company located in Hickory, North Carolina. We continue to pioneer the recycled materials industry through the innovation of new products for 20 years & counting. Our rubber compression molding technology was developed in Europe & was brought to the United States to supply residential trash container manufacturers. Now, that technology is used to make a diverse line of wheels & other molded products. A Roll-Tech product is durable, supports heavy loads, sustainable & made in America.

Our in-house engineers can design a product for your purpose, or work with your engineers to ensure our product meets your specifications. All products are available as a 3-D CAD file and product specifications are illustrated in 2-D technical drawings. Our engineers can also do mold design and tooling adjustments to meet your needs.

If you are looking for something already in production, Roll-Tech's wheels range from 6 to 16 inches in diameter. We offer over 1,700 wheel SKUs. Our main solid rubber tire brand is the "VSP" wheel. VSP wheels have a rib-style rim made with rugged & impact resistant polyolefin. Our "Superam" wheels are also sturdy & feature mag-style rims. Our "Centaure" wheels have steel rims. Roll-Tech also has other types of flat-free tires made of urethanes called Uratech.

Roll-Tech has expertise in the use of prime raw materials and specializes in the use of Post Consumer Recycled (PCR) products as raw materials. Much of our resins are from recycled plastic milk and detergent containers. Our rubber is from recycled car & truck tires which are ground, cleaned of debris, & screened to size. Roll-tech is committed to reengineering recycled materials into commercially useful products. We have recycled over 75 million pounds of rubber and eight million pounds of plastic.

We recently rolled out Safe-T-Tiles® durable reusable products used in the paver industry as a better substitute over matting. Not only are they comfortable to walk on due to being made of 100% cured rubber, they are also environmentally safe!

Whether it's for distribution, a replacement, or a new product line, if you need wheels, you need us. If your product uses wheels — you should get to know Roll-Tech. We promise you will like what you see.

*We are pleased to introduce our products in this new edition of our **RMP** catalog.*

Need additional manufacturing capacity or a new product designed...



Get to know Roll-Tech.



Made in USA

Design, Engineering, Testing, Manufacturing

(866) 431-4515 | info@rolltech.net | roll-tech.net



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Safe-T-Tiles® (Pavers)

450 psi..... Solid Rubber Heavy-Duty Pavers 21

Load ratings for each product line shown above in lbs.



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Part Number Reference Guide

648.254.xx3y

Replace letters by code numbers to get the desired bore size and bearing type

Bore (Axle) Size: xx

Bore Ø	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1 1/8" Plain Bore	1 3/8" Plain Bore
xx	08	10	13	15	19	26	28	35

Bearing Choice: y

Bearing & Accessories Choice	Flanged Ball Bearing	Heavy Duty Ball Bearing	Delrin Bushing	Zirk	Sealed Flanged Ball Bearing	Roller Bearing	Straight Delrin Bushing
y	0	HD	3	Z	SB	6	ST



CHOOSING THE RIGHT WHEEL BEARINGS FOR YOUR APPLICATION

DELRIN BUSHINGS

EX. **xx33**



Engineered plastic, durable for brine conditions, steam cleaning, where excessive water or liquids are present. Light oil or grease lubrication might be required.

FLANGED BALL BEARINGS

EX. **xx30**



Designed for maximum ease of rolling in lighter load applications. Requires no maintenance, quiet operation, general duty use, & fits most wheel bore sizes.

HEAVY DUTY BALL BEARINGS

EX. **xx30HD**



Designed for maximum ease of rolling in medium duty load applications. Quiet operation, general duty use, fits most wheel bore sizes, & requires no maintenance.

SEALED FLANGED BALL BEARINGS

EX. **xx30SB**



Designed for maximum ease of rolling in heavy duty load applications. Fits most wheel bore sizes, requires no maintenance, general duty use, & quiet operation.

ROLLER BEARINGS

EX. **xx36**



A roller assembly is inserted into a heat treated split outer race shell. Hardened steel rollers in thermoplastic or steel cage. Provides maximum cage strength consistent with extended service life. Cost effective and reliable, but requires lubrication maintenance. Only available on specified products.

ZIRK

EX. **xx3yZ**



Grease fitting installed to grease bearings without removing wheel.

Please follow the examples below to see how to use the RMP code matrix.

Example 1: xx3y with a configuration of **1330** is equal to a 1/2 Bore with a Flanged Ball Bearing.

Example 2: xx3y with a configuration of **1530HD** is equal to a 5/8 Bore with a Heavy-Duty Ball Bearing.

Example 3: xx3y with a configuration of **1930SB** is equal to a 3/4 Bore with a Sealed Flanged Ball Bearing.

Wheel Specifications



Characteristics of Roll-Tech's Solid Rubber Tire Product Line

Tire Material	Technical Characteristics	Operating Temperature		CHEMICAL RESISTANCE										
		Continuous	Intermittent	Water (68 °F)	Saturated Steam	Weak Acids	Weak Bases	Abrasion	Strong Acids	Strong Bases	Alcohol	Hydrocarbons	Acetone	Aromatic Solvents & Chlorides
		Solid black rubber, compression-molded from blend of granulated (crumb) rubber recycled from used car and truck tires	Hardness: 75 - 80 Shore A Abrasion: 250 - 300 mm ³ Density: 1.14	-22°F to +176°F	-40°F to +212°F	Excellent	Excellent	Excellent	Excellent	Good	Good	Good	Good	Not Recommended
		-30°C to +80°C	-40°C to +100°C	Excellent	Excellent	Excellent	Excellent	Good	Good	Good	Good	Not Recommended	Not Recommended	Not Recommended

Operating Characteristics: Puncture proof, quiet rolling, cushioned, resilient, excellent life expectancy, low starting effort under load on uneven floors.

Featuring the **VSP™** Wheel

Replace pneumatic
(air filled) tires
with VSP Wheels.

The original
flat-free wheel
that never needs air!

Eco-Friendly:
made from post-consumer
recycled materials and
is recyclable.

- For hand trucks, wheeled equipment, all types & sizes of carts
- Quiet, cushioned, resilient & durable
- Made in the **U.S.A.**



VSP™ Wheels Material Handling Wheels

6" to 8" diameter –
1 3/8" to 2" Hub Lengths

325 lbs to 375 lbs Capacity

Flat-free solid rubber wheels with Hi-impact resistant poly hubs



Product numbers listed in highlighted boxes					
BORE LENGTH & TYPE	1-3/8" CENTERED	1-1/2" OFFSET	1-1/2" CENTERED	2" CENTERED	Made in USA
BEARING TYPES	Delrin Bushing or Ball Bearing	Delrin Bushing or Ball Bearing	Delrin Bushing or Ball Bearing	Delrin Bushing or Ball Bearing	VSP Load Rating lbs
BORE SIZES	5/16", 3/8" & 1/2"	5/16", 3/8" & 1/2"	5/16", 3/8" & 1/2"	5/16", 3/8" & 1/2"	
WHEELS O.D.	VSP™ Wheels				
6" x 1-3/4" (Tread = 1.25")	639.163.xx3y	638.163.xx3y	640.163.xx3y	641.163.xx3y	325
7" x 2" (Tread = 1.25")	639.184.xx3y	638.184.xx3y	640.184.xx3y	641.184.xx3y	350
8" x 2" (Tread = 1.5")	639.207.xx3y	638.207.xx3y	640.207.xx3y	641.207.xx3y	375
8" x 2-1/2" (Tread = 2.0")	639.208.xx3y	638.208.xx3y	640.208.xx3y	641.208.xx3y	400

Conversion code numbers for letters in above grid:

Bore Ø	5/16"	3/8"	1/2"	1 1/8" Plain Bore
xx	08	10	13	28

Bearing & Accessories Choice	Flanged Ball Bearing	Heavy Duty Ball Bearing	Sealed Flanged Ball Bearing	Delrin Bushing	Zirk
y	0	HD	SB	3	Z



Wheel Design & Manufacturing




Made in USA



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 Email: sales@rolltech.net • Shop: www.roll-tech.net

VSP™ Wheels Material Handling Wheels

6" to 12" diameter –
1¾" to 2½" Hub Lengths

350 lbs to 850 lbs Capacity

Solid rubber tires mounted on rugged impact-resistant poly hubs



Product numbers listed in highlighted boxes							
BORE LENGTH & TYPE	1-3/4" CENTERED	2-1/4" CENTERED			2-1/4" OFFSET Rib-Style	2-1/2" OFFSET Rib-Style	Made in USA
BEARING TYPES	Delrin Bushing or Ball Bearing	Delrin Bushing or Ball Bearing	Roller Bearing	Roller Bearing	Delrin & Ball Bearing	Delrin & Ball Bearing	VSP Load Rating lbs
BORE SIZES	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	1/2", 5/8" & 3/4"	5/8", 3/4" & 1"	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	
WHEELS O.D.	VSP™ Wheels						
6" x 1-3/4" (Tread = 1.25")			642.163.xx36Z		648.163.xx3y		350
7" x 2" (Tread = 1.25")			642.184.xx36Z		648.184.xx3y		325
8" x 2" (Tread = 1.5")			642.207.xx36Z		648.207.xx3y		400
8" x 2-1/2" (Tread = 2.0")			642.208.xx36Z		648.208.xx3y		450
10" x 2" (Tread = 1.75")	640.255.xx3y	643.255.xx3y			648.255.xx3y	650.255.xx3y	500
10" x 2-3/4" (Tread = 2.0")	640.254.xx3y	643.254.xx3y			648.254.xx3y	650.254.xx3y	550
10" x 3" (Tread = 2.75")	640.256.xx3y	643.256.xx3y			648.256.xx3y	650.256.xx3y	650
10" x 2" Thin Profile (Tread = 1.75")				642.261.xx36Z			500
12" x 2" (Tread = 2.0")				642.308.xx36Z			700
12" x 3" (Tread = 2.75")				642.306.xx36Z			850

Conversion code numbers for letters in above grid:					
Bore Ø	1/2"	5/8"	3/4"	1"	1 3/8" Plain Bore
xx	13	15	19	26	35

Bearing & Accessories Choice	Flanged Ball Bearing	Heavy Duty Ball Bearing	Sealed Flanged Ball Bearing	Delrin Bushing	Zirk	Roller Bearing	Straight Delrin Bushing	Spanner	Top Hat Bushing
y	0	HD	SB	3	Z	6	ST	SP	TH



VSP™ Wheels Material Handling Wheels

6" to 12" diameter –
2½" to 3¾" Hub Lengths

350 lbs to 850 lbs Capacity

Flat-free wheels replacing pneumatic and semi-pneumatic wheels



Product numbers listed in highlighted boxes								
BORE LENGTH & TYPE	2-1/2" CENTERED Rib-Style	2-1/2" CENTERED for Casters	2-5/8" OFFSET Rib-Style	3" CENTERED	3-1/4" CENTERED		3-3/4" CENTERED	Made in USA
BEARING TYPES	Delrin Bushing or Ball Bearing	Delrin Bushing or Ball Bearing	Delrin Bushing or Ball Bearing	Delrin & Ball Bearing	Delrin & Ball Bearing	Roller Bearing	Ball Bearing	VSP Load Rating lbs
BORE SIZES	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	3/4" & 1"	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	
WHEELS O.D.	VSP™ Wheels							
6" x 1-3/4" (Tread = 1.25")	643.163.xx3y	674.163.xx3y		675.163.xx3y				350
7" x 2" (Tread = 1.25")	643.184.xx3y	674.184.xx3y		675.184.xx3y				375
8" x 2" (Tread = 1.5")	643.207.xx3y	674.207.xx3y		675.207.xx3y				400
8" x 2-1/2" (Tread = 2.0")	643.208.xx3y	674.208.xx3y		675.208.xx3y				450
10" x 2" (Tread = 1.75")					644.255.xx3y		649.255.xx3y	500
10" x 2-3/4" (Tread = 2.0")					644.254.xx3y		649.254.xx3y	550
10" x 3" (Tread = 2.75")					644.256.xx3y		649.256.xx3y	650
10" x 2" Thin (Tread = 1.75")	646.261.xx3y		647.261.xx3y		644.261.xx3y	645.261.xx36Z		500
12" x 2" (Tread = 2.0")	646.308.xx3y		647.308.xx3y		644.308.xx3y	645.308.xx36Z		700
12" x 3" (Tread = 2.75")	646.306.xx3y		647.306.xx3y		644.306.xx3y	645.306.xx36Z		850

Conversion code numbers for letters in above grid:					
Bore Ø	1/2"	5/8"	3/4"	1"	1 3/8" Plain Bore
xx	13	15	19	26	35

Bearing & Accessories Choice	Flanged Ball Bearing	Heavy Duty Ball Bearing	Sealed Flanged Ball Bearing	Delrin Bushing	Zirk	Roller Bearing	Straight Delrin Bushing	Spanner	Top Hat Bushing
y	0	HD	SB	3	Z	6	ST	SP	TH

VSP Wheel HUBCAPS

Ask us about VSP hubcaps! They are a nice finishing touch for your VSP wheel application (and to cover the axle end).

Secure snap-on plastic cap fits most VSP offset hubs, and some centered hubs. Standard color is black – other colors are available for minimum quantities of 5,000.

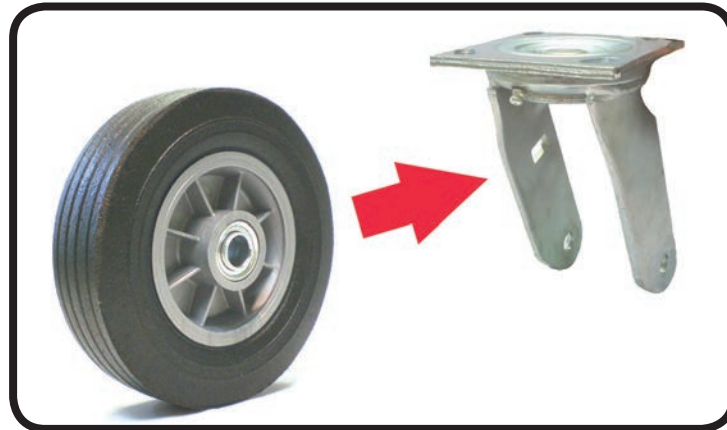


Item Code # 8002



VSP™ Wheels Wheels for Casters for Caster Rigs

Flat-free, puncture proof, alternative to pneumatics –
in hub lengths designed for good fit in caster yokes



<i>Product numbers listed in highlighted boxes</i>					
BORE LENGTH & TYPE	2-1/2" CENTERED		3" CENTERED	3-1/4" CENTERED	RMP
BEARINGS	Roller Bearing	Ball Bearing	Ball Bearing	Ball Bearing	VSP Load Rating lbs
BORE SIZES	1/2"	1/2"	1/2"	1/2"	
Nominal Wheel Sizes	VSP™ wheels for use in STANDARD-SIZE top plate caster rigs (include spanner bushing for best spacing in caster fork)				
6" x 2" (Tread = 1.25")	642.163.1336ZSP	674.163.1330SP			350
8" x 2" (Tread = 1.5 ")	642.207.1336ZSP	674.207.1330SP			440
Nominal Wheel Sizes	For PNEUMATIC-SIZE (wider fork) top plate caster rigs (include 2 "top hat" bushings for best spacing in caster fork)				
8" x 2-1/2" (Tread = 2.0")			675.208.1330TH		450
10" x 3" (Tread = 2.75")				649.256.1330TH	550

Available with HD (Heavy Duty) bearing and with SB (Sealed Flanged Ball Bearing)

VSP™ Wheels with Caster Rigs

Casters


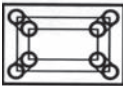
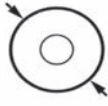






Flat-free, VSP Wheels in top plate casters
350 – 550 lbs Capacity

Caster rig is zinc plated, forged steel,
top plate fitting

Swivel is double race, greased, with head seal



Product numbers listed in highlighted boxes

 4.5" x 4" (115 mm x 100 mm)		Hole Diameter 3/8" (9.5mm)		 2.6" – 3" x 3" – 3.6" (67 – 76 mm x 76 – 92 mm)			VSP™
 Diameter	 Overall Height	 Offset	 Nominal Load Capacity	 Swivel	 Rigid	 Between Forks	VSP Load Rating lbs
40 Series Casters – Standard Rig – Ball Bearings							
6" x 2" (Tread = 1.25")	7-11/16"	1-11/16"	350 lbs	160.6743	560.6743	2-1/2"	350
8" x 2" (Tread = 1.5")	9-1/4"	2-1/4"	440 lbs	160.6744	560.6744	2-1/2"	440
40 Series Casters – Standard Rig – Roller Bearings							
6" x 2" (Tread = 1.25")	7-11/16"	1-11/16"	350 lbs	160.6423	560.6423	2-1/2"	350
8" x 2" (Tread = 1.5")	9-1/4"	2-1/4"	440 lbs	160.6424	560.6424	2-1/2"	440
40 Series Casters — Pneumatic Rig (wider fork) — Ball Bearings							
8" x 2.5" (Tread = 2.0")	9-1/4"	2-1/4"	450 lbs	450.6754	550.6754	3"	450
10" x 3" (Tread = 2.75")	11-13/16"	3-1/8"	650 lbs	450.6495	550.6495	4"	550

Specialized Products



LOOKING FOR SOMETHING DIFFERENT?

Give us a call! We design, test, engineer & manufacture.

SUPERAM™ Wheels Material Handling Wheels

6" to 16" diameter –
2¼" to 3" Hub Lengths

385 lbs to 1,100 lbs Capacity

Solid rubber tires mounted on mag-style rugged impact-resistant poly hubs



Product numbers listed in highlighted boxes						
SUPERAM™	BORE LENGTH & TYPE	2-1/4" OFFSET Mag-Style	2-3/8" CENTERED Mag-Style	3" CENTERED		Made in USA
	BEARING TYPES	Delrin & Ball Bearing	No Bearing	Delrin & Ball Bearing	Roller Bearing	Superam Load Rating lbs
	BORE SIZES	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	3/4" Thru-Hole Only	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	3/4" & 1"	
	WHEELS O.D.	SUPERAM™ Wheels				
GRAY MAG HUB	6" x 1-3/4" (Tread = 1.25")	668.163.xx3y				385
	7" x 2" (Tread = 1.25")	668.184.xx3y				390
	8" x 2" (Tread = 1.5")	668.207.xx3y				440
	8" x 2-1/2" (Tread = 2.0")	668.208.xx3y				450
	10" x 2" (Tread = 1.75")	668.255.xx3y				500
	10" x 2-3/4" (Tread = 2.0")	668.254.xx3y				550
BLACK MAG HUB	10" x 3" (Tread = 2.75")	668.256.xx3y				650
	10" x 2" Thin Profile (Tread = 2.75")		616.261.191			650
	12" x 2" (Tread = 2.0")		616.308.191			750
	12" x 3" (Tread = 2.75")		616.306.191			850
	14" x 2-3/4" (Tread = 1.75")			621.360.xx1y	622.360.xx16Z	1000
	16" x 3" (Tread = 1.75")			621.405.xx1y	622.405.xx16Z	1100

Conversion code numbers for letters in above grid:

Bore Ø	1/2"	5/8"	3/4"	1"	1 3/8" Plain Bore
xx	13	15	19	26	35

Bearing & Accessories Choice	Flanged Ball Bearing	Heavy Duty Ball Bearing	Sealed Flanged Ball Bearing	Delrin Bushing	Zirk	Roller Bearing	Straight Delrin Bushing	Spanner	Top Hat Bushing
y	0	HD	SB	3	Z	6	ST	SP	TH



URATECH™ Wheels Puncture-Proof Wheels

10" to 12" diameter –
1½" to 2⅝" Hub Lengths

350 lbs to 550 lbs Capacity

Solid foam tires mounted on rugged impact-resistant poly hubs



Knobby Tread Mag-Style



Sawtooth Tread Mag-Style

Product numbers listed in highlighted boxes									
URATECH™	BORE LENGTH & TYPE	2-1/4" CENTERED	2-1/4" OFFSET Rib-Style	2-1/4" OFFSET Mag-Style	2-1/4" CENTERED Rib-Style	2-1/2" OFFSET Rib-Style	2-3/8" CENTERED Mag-Style	2-5/8" OFFSET Rib-Style	RMP
	BEARING TYPES	Roller Bearing	Delrin & Ball Bearing	Delrin & Ball Bearing	Delrin & Ball Bearing	Delrin & Ball Bearing	No Bearings	Delrin & Ball Bearing	Uratech Load Rating
	BORE SIZES	5/8", 3/4" & 1"	1/2", 5/8", 3/4" & 1" (1"Delrin Only)	1/2", 5/8", 3/4" & 1" (1"Delrin Only)	1/2", 5/8", 3/4" & 1" (1"Delrin Only)	1/2", 5/8", 3/4" & 1" (1"Delrin Only)	1/2", 5/8", 3/4" & 1" (1"Delrin Only)	3/4" Thru-Hole Only	1/2", 5/8", 3/4" & 1" (1"Delrin Only)
Tire Tread	WHEELS O.D.	URATECH™ Wheels							
Knobby	10" x 3" (Tread = 2.5")		648.260.xx3y	668.260.xx3y	643.260.xx3y	650.260.xx3y			350
Sawtooth	10" x 3" (Tread = 2.5")		648.262.xx3y	668.262.xx3y	643.262.xx3y	650.262.xx3y			450
Sawtooth	10" x 4" (Tread = 3.0")					650.264.xx3y			550
Knobby	12" x 3" (Tread = 2.5")	642.311.xx36Z			646.311.xx3y		616.311.191	647.311.xx3y	550

Conversion code numbers for letters in above grid:					
Bore Ø	1/2"	5/8"	3/4"	1"	1 3/8" Plain Bore
xx	13	15	19	26	35

Bearing & Accessories Choice	Flanged Ball Bearing	Heavy Duty Ball Bearing	Sealed Flanged Ball Bearing	Delrin Bushing	Zirk	Roller Bearing	Straight Delrin Bushing	Spanner	Top Hat Bushing
y	0	HD	SB	3	Z	6	ST	SP	TH

URATECH™ Wheels Puncture-Proof Wheels

10" to 16" diameter –
3" to 3¾" Hub Lengths

350 lbs to 550 lbs Capacity



Sawtooth Tread



Knobby Tread

Product numbers listed in highlighted boxes

URATECH™	BORE LENGTH & TYPE	3" CENTERED		3-1/4" CENTERED		3-3/4" CENTERED	RMP
	BEARING TYPES	Delrin & Ball Bearing	Roller Bearing	Delrin & Ball Bearing	Roller Bearing	Ball Bearing	Uratch Load Rating
	BORE SIZES	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	3/4" & 1"	1/2", 5/8", 3/4" & 1" (1" Delrin Only)	3/4" & 1"	3/4"	lbs
Tire Tread	WHEELS O.D.	URATECH™ Wheels					
Knobby	10" x 3" (Tread = 2.5")			644.260.xx3y		649.260.xx3y	350
Sawtooth	10" x 3" (Tread = 2.5")			644.262.xx3y		649.262.xx3y	450
Sawtooth	10" x 4" (Tread = 3.0")			644.264.xx3y		649.264.xx3y	550
Knobby	12" x 3" (Tread = 2.5")			644.311.xx3y	645.311.xx36Z		550
Knobby	14" x 3" (Tread = 3.0")	621.370.xx1y	622.370.xx16Z				550
Knobby	16" x 3" (Tread = 3.0")	621.411.xx1y	622.411.xx16Z				550

Conversion code numbers for letters in above grid:

Bore Ø	1/2"	5/8"	3/4"	1"	1 3/8" Plain Bore
xx	13	15	19	26	35

Bearing & Accessories Choice	Flanged Ball Bearing	Heavy Duty Ball Bearing	Sealed Flanged Ball Bearing	Delrin Bushing	Zirk	Roller Bearing	Straight Delrin Bushing	Spanner	Top Hat Bushing
y	0	HD	SB	3	Z	6	ST	SP	TH



CENTAURE™ Wheels Material Handling Wheels

6" to 16" diameter –
2¼" to 3" Hub Lengths

385 lbs to 1,100 lbs Capacity

Solid rubber tires mounted on steel zinc-coated center
Bolted for easy maintenance



Product numbers listed in highlighted boxes				
BORE LENGTH & TYPE	2-1/4" CENTERED	2-1/4" CENTERED	3" CENTERED	RMP
BEARING TYPES	Ball Bearing	Roller Bearing	Roller Bearing	Centaure Load Rating
BORE SIZES	1/2", 5/8", 3/4"	5/8", 3/4" & 1"	3/4" & 1"	lbs
WHEELS O.D.	CENTAURE™ Wheels			
6" x 1-3/4" (Tread = 1.25")	746.163.xx0y	745.163.xx06		385
7" x 2" (Tread = 1.25")	746.184.xx0y	745.184.xx06		390
8" x 2" (Tread = 1.5")	746.207.xx0y	745.207.xx06		440
10" x 2" (Tread = 1.5")	736.251.xx0y	735.251.xx06		450
12" x 2" (Tread = 1.5")	736.303.xx0y	735.303.xx06		550
14" x 2-3/4" (Tread = 1.75")			737.360.xx06	1000
16" x 3" (Tread = 1.75")			737.405.xx06	1100

Conversion code numbers for letters in above grid:

Bore Ø	1/2"	5/8"	3/4"	1"
xx	13	15	19	26

Bearing & Accessories Choice	Flanged Ball Bearing	Heavy Duty Ball Bearing	Sealed Flanged Ball Bearing	Delrin Bushing	Zirk	Roller Bearing
y	0	HD	SB	3	Z	6

SnapLock Products



- Designed for containers that require a snaplock or thru hole attachment to axles
- Great for all types of carts and trash containers

SNAPLOCK™ Wheels Equipment Wheels

6" to 12" diameter –
2" to 4½" Hub Length

Residential Waste Container Wheels
330 lbs Capacity

Quiet-rolling solid rubber tire mounted on durable impact-resistant poly hub

Spring-loaded mechanism locks on grooved axle

Thru-Hole version available for 2" hub length



Product numbers listed in highlighted boxes							
BORE LENGTH & TYPE	2" OFFSET	2-5/8" OFFSET	3" OFFSET	3-3/4" OFFSET	4" OFFSET	4-1/2" OFFSET	Made in USA
BEARING TYPES	No Bearing	No Bearing	No Bearing	No Bearing	No Bearing	No Bearing	SnapLock Load Rating lbs
BORE SIZES	5/8", 3/4" & 7/8"	5/8", 3/4" & 7/8"	5/8", 3/4" & 7/8"	5/8" & 7/8"	3/4" & 7/8"	3/4" & 7/8"	
WHEELS O.D.	SNAPLOCK™ Wheels						
6" x 1-3/4" (Tread = 1.25")		682.163.xx11 682.163.xx12		681.163.xx11			330
7" x 2" (Tread = 1.25")		682.184.xx11 682.184.xx12		681.184.xx11			
8" x 2" (Tread = 1.25")		682.201.xx11 682.201.xx12		681.201.xx11			330
10" x 2" (Tread = 1.5")	688.236.xx11 688.236.xx12		689.236.xx11				330
12" x 2" (Tread = 1.25")	687.294.xx11 687.294.xx12		686.294.xx11				330
10" x 2" (Tread = 2.0")			618.261.1912 (3/4")		619.261.xx12	620.261.xx12	330
12" x 2" (Tread = 2.0")			618.308.1912 (3/4")		619.308.xx12	620.308.xx12	330
	- Fits all carts, add spacers	- Fits Rehrig carts and others	- Fits Rehrig and Ameri-Kart Carts	- Fits Schaefer, IPL and Otto carts	- Fits Schaefer carts	- Fits IPL and Otto carts	

SKUs are Thru-Hole (TH) plain bore, for mounting on straight axles.

Conversion code numbers for letters in above grids:			
Bore Ø	5/8"	3/4"	7/8"
xx	16	19	22

Axle Style		
TYPE	1	2
y	SnapLock	Thru-Hole



7" SnapLock

SNAPLOCK II™ Wheels *NewProduct!!!* Equipment Wheels

Same Great Features as the SnapLock –
Now In A Lightweight Version!
330 lbs Capacity

MEETS ANSI Z245.30 REQUIREMENTS

Quiet-rolling solid rubber tread on a durable impact-resistant poly center

Spring-loaded pin locks into grooved axle

Available with an economical plastic tread SnapLock

Removable wheel with access to locking mechanism



New Rubber Treaded Overmolded "Fan" Wheel

SNAP LOCK ALL-PLASTIC WHEELS						
SNAPLOCK II™	BORE LENGTH & TYPE	2" OFFSET	3" OFFSET	4" OFFSET	4-1/2" OFFSET	Made in USA
	BEARING TYPES	No Bearing	No Bearing	No Bearing	No Bearing	SnapLock Load Rating lbs
	BORE SIZES	5/8", 3/4" & 7/8"	5/8", 3/4" & 7/8"	3/4" & 7/8"	7/8"	
	WHEELS O.D.	<i>SNAPLOCK II™ Wheels</i>				
All Plastic	10" x 2" (Tread = 1.75")	794.250.xx1y	793.250.xx11	792.250.xx11	791.250.xx11	330
	12" x 2" (Tread = 1.75")	794.300.xx1y	793.300.xx11	792.300.xx11	791.300.xx11	330
Rubber Tread	10" x 2" (Tread = 1.75")	694.250.xx1y	693.250.xx11	692.250.xx11	691.250.xx11	330
	12" x 2" (Tread = 1.75")	694.300.xx1y	693.300.xx11	692.300.xx11	691.300.xx11	330
		Fits all carts, add spacers	Fits Rehrig and Ameri-Kart Carts	Fits Schaefer carts	Fits IPL and Otto carts	

Coming Soon!

Conversion code numbers for letters in above grids:			
Bore Ø	5/8"	3/4"	7/8"
xx	15	19	22

Axle Style		
TYPE	1	2
y	SnapLock	Thru-Hole



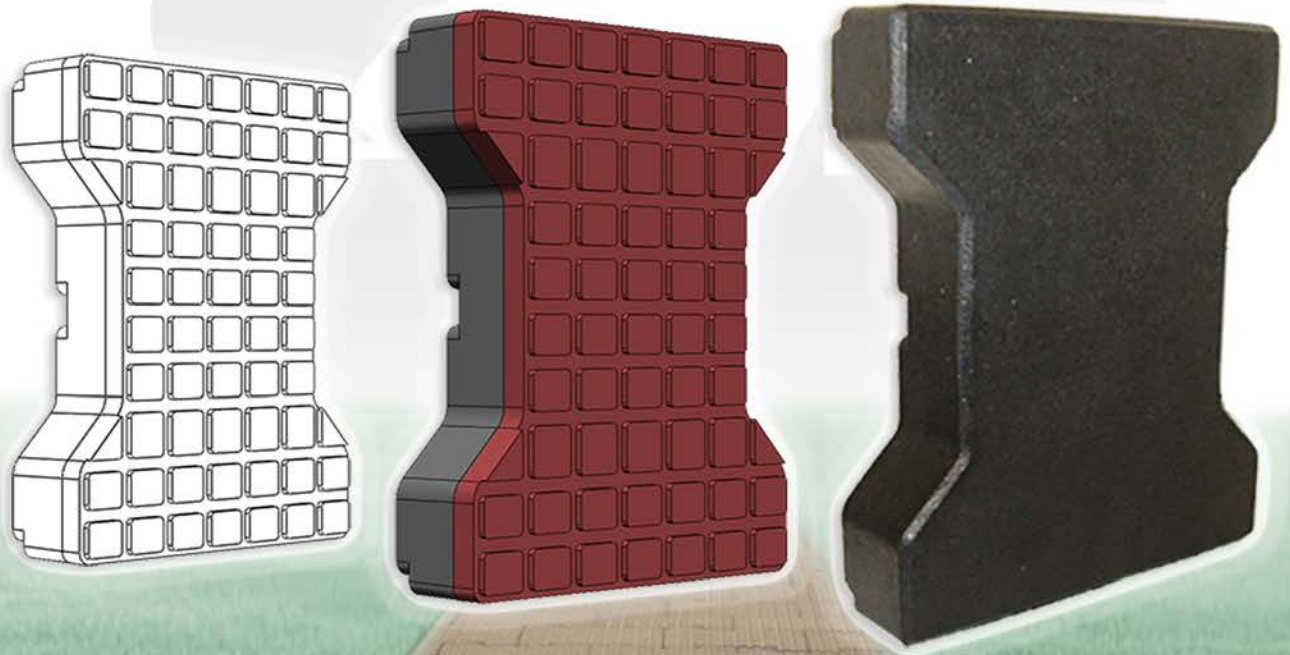
All Plastic "Fan" Wheel



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Heavy Duty Rubber Pavers

Landscaping

Track & Field

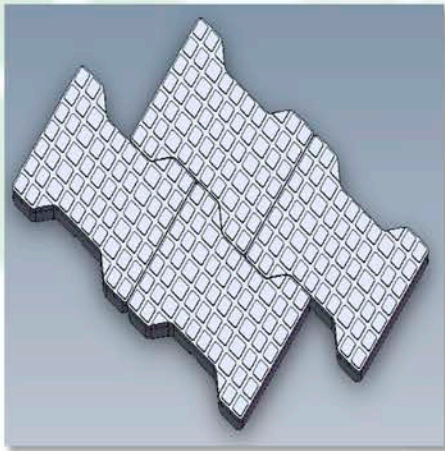
Equestrian Aisles

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Sustainable Design



Functionality

Safe-T-Tiles® are rubber pavers which offer a tough interlocking surface for various treads and pressures. Easy to install, Safe-T-Tiles® can be assembled to cover large or small spaces in a time effective manner.

Applications:

- ◆ Covers small or large surfaces
- ◆ Offers diversity whether to be used for décor or heavy-duty industrial purpose:
 - ◆ Patios/Terraces
 - ◆ Parks/Playgrounds
 - ◆ Swimming pool walkways
 - ◆ Entranceways/Driveways
 - ◆ Recreational, Residential, Commercial
 - ◆ Machine Shop Flooring
 - ◆ And any other practical applications

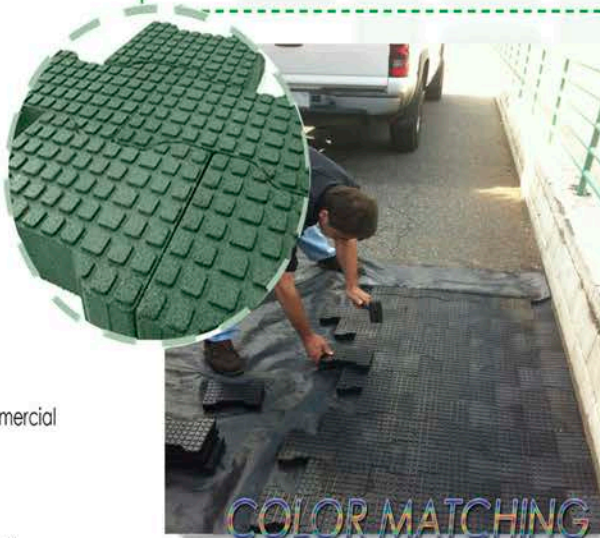
Benefits

- ◆ Easy installation
- ◆ Eco-Friendly
- ◆ Lightweight
- ◆ Durable
- ◆ Better Traction
- ◆ Cushions Weight
- ◆ Soundproof
- ◆ Shock Absorbent
- ◆ High Traffic Resistance



 Black Safe-T-Tile®
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 Dimensions: 6 3/8" x 7 7/8" x 1 5/8"
 Weight: 2.65 lbs
 Per Sq.Ft. 3.45

 Green Safe-T-Tile®
 Material: Rubber
 Dimensions: 6 3/8" x 7 7/8" x 1 5/8"
 Weight: 2.65 lbs
 Per Sq.Ft. 3.45



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Roll-Tech's **eco-friendly** products are sold in the **U.S.A.** and abroad. Our customers are from diverse industries, such as material handling, architecture and more. Major end-use applications include but are not limited to:

- Hand trucks
- Landscaping
- Residential waste containers
- Tracks & Fields
- Carts of all types
- Equestrian Aisles
- Portable wheeled equipment



We are pleased to introduce our products in this new edition of our **RMP** catalog. New products this year include the

- Overmolded SnaplockII
- Safe-T-Tiles[®], Target  Tiles[™] & Turf Tiles[™]

If a product you are looking for is not in this catalog, contact us via:



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Thank you for choosing Roll-Tech, we are looking forward to working with you again.

