

A PLAYCORE Company



Commercial Outdoor and Indoor Roto-Molded Playground Parts





Whether you are interested in a playground climber, slide, or tube, we've worked hard to provide you with unique roto-molded plastic parts to help you create a spectacular playground. Our selection of commercial playground pieces are designed with world-wide safety standards in mind and are available for both indoor and outdoor use.

O2 Play Accessories

06 Panels

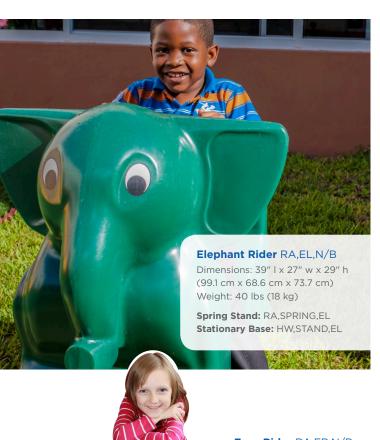
08 Climbers

09 Roofs

10 Slides

18 Colors

Play Accessories Indoor & Outdoor Play Accessories



Frog Rider RA,FR,N/B

Dimensions: 35" | x 21" w x 23" h (88.9 cm x 53.3 cm x 58.4 cm) Weight: 29 lbs (13.2 kg)

Spring Stand: RA,SPRING

Stationary Base: HW,STAND,WH/FR

PLAY ACCESSORY DETAILS

- Indoor and outdoor applications
- Made from durable, roto-molded plastic
- Dimensions and weights are approximate
- Visit spiplastics.com for specification sheets





Decks

- 3" height (7.6 cm)
- 3 shapes available
- Multiple colors available

	30 Square	30 Iriangulai	40 Square	40 IIIaligulai	40 FIE
Part No.	DECK3	DECK3,TRI	DECK4	DECK4,TRI	DECK4,PIE
Dimensions	36" (91.4 cm)	36" (91.4 cm)	48" (121.9 cm)	48" (121.9 cm)	48" (121.9 cm)
Weight	30 lbs (13.6 kg)	18 lbs (8.2 kg)	60 lbs (27.2 kg)	29 lbs (13.2 kg)	40 lbs (18.2 kg)

Play Accessories Indoor & Outdoor Play Accessories





Dimensions: 48" I x 40" w x 36" h (121.9 cm x 101.6 cm x 91.4 cm) Weight: 45 lbs (20 kg)

Only available in Blue (BL), Green (GR), and Tan (TA)



ADA ACCESSIBLE

Adventure Table ADV,TABLE

Ages: 2-12 Dimensions: 73.5" | x 31" w x 32" h (186.9 cm x 78.7 cm x 81.3 cm) Weight: 80 lbs (36.3 kg)



Steering Wheel SW

Dimensions: 13" diameter x 6" h (33 cm diameter x 15.2 cm) Weight: 3 lbs (1.4 kg)



Stepping Stone STEPSTONE

Dimensions: 14" diameter x 8" h (35.6 cm diameter x 20.3 cm) Weight: 5 lbs (2.3kg)

PRIVATE LABEL OPTION

Sneaker Keepers

	Single Component (6 Openings)	Sneaker Keeper Cap	Horizontal Sneaker Keeper (18 Openings) 3 components + cap	Horizontal Sneaker Keeper (24 Openings) 4 components + cap
Part No.	SKS	SKS,CAP	SKS,3-RISE	SKS,4-RISE
Dimensions	53" x 13" w x 14.5" h (135 cm x 33 cm x 36 cm)	13.5" x 47.25" w x 26" h (34.3 cm x 120 cm x 66 cm)	53" x 13" w x 43" h (135 cm x 33 cm x 109 cm)	53" x 13" w x 54" h (135 cm x 33 cm x 137 cm)
Weight	20 lbs (9.1 kg)	15 lbs (6.8 kg)	100 lbs (45.4 kg)	120 lbs (54.4 kg)



Play Accessories Transition and Elbow Components



T-Tube TT30

Dimensions: 51.5" l x 41.5" w x 31.75" h (131 cm x 105 cm x 81 cm) Weight: 78 lbs (35.4 kg)



30" 30° Elbow E3030

Diameter: 30" (72.6 cm) Angle: 30° Weight: 65 lbs (29.5 kg)



Junction Cube JC30

Dimensions: 55.5" | x 55.5" w x 40.5" h (141 cm x 141 cm x 118 cm) Weight: 100 lbs (45.4 kg)



24" 90° Elbow E2490

Diameter: 24" (61 cm) Angle: 90° Weight: 35 lbs (15.9 kg)



Turbo Junction JCTURBO

Dimensions: 48.3" l x 46.6" w x 38.4" h (123 cm x 118 cm x 98 cm) Weight: 105 lbs (47.6 kg)



30" 45° Elbow E3045

Diameter: 30" (72.6 cm) Angle: 45° Weight: 75 lbs (34 kg)



24" 30° Elbow E2430

Diameter: 24" (61 cm) Angle: 30° Weight: 28 lbs (12.7 kg)

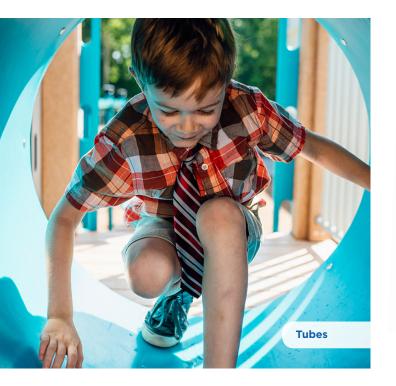


30" 90° Elbow E3090

Diameter: 30" (72.6 cm) Angle: 90°

Weight: 65 lbs (29.5 kg)

Play Accessories Tubes & Tube Components







Full Tubes

- 24" or 30" diameter options
- All feature a 3" bell
- Part numbers in table below



Flanged Tube Exit EE30

Diameter: 30" (76.2 cm) Length: 39" (99.1 cm) Weight: 45 lbs (20.4 kg) Includes 4" bell



Straight Flange STRF

Diameter: 34.5" (87.6 cm) Weight: 15 lbs (6.8 kg)

	24" Full 2' Tube	24" Full 7' Tube	30" Full 2' Tube	30" Full 5' Tube	30" Full 6' Tube	30" Full 7' Tube
Part No.	24X2FTB	24X7FTB	30X2FTB	30X5FTB	30X6FTB	30X7FTB
Diameter	24" (61 cm)	24" (61 cm)	30" (76.2 cm)	30" (76.2 cm)	30" (76.2 cm)	30" (76.2 cm)
Length	24" (61 cm)	84" (213.4 cm)	24" (61 cm)	60" (152.4 cm)	72" (182.9 cm)	84" (213.4 cm)
Weight	30 lbs (13.6 kg)	80 lbs (36.3 kg)	42 lbs (19 kg)	100 lbs (45.4 kg)	105 lbs (47.6 kg)	112 lbs (50.8 kg)

Panels Activity Panels



ACTIVITY PANEL DETAILS

- Dimensions: 43" x 41" (109 cm x 104 cm)
- Varying Depths
- Dimensions and weights are approximate
- Not all panels are suitable for outdoor use





C-Force Panel AC,CFORCE Depth: 5" (12.7 cm) Weight: 30 lbs (13.6 kg)



Driving Panel AC,DRIVING Depth: 8" (20.3 cm)
Weight: 30 lbs (13.6 kg)



Gears Panel AC,GEARS Depth: 5" (12.7 cm) Weight: 30 lbs (13.6 kg)



Gyro Panel AC,GYRO Depth: 5" (12.7 cm) Weight: 25 lbs (11.3 kg)



Mirror Panel AC,MIRROR Depth: 3" (7.6 cm) Weight: 25 lbs (11.3 kg)



Sign Language Panel AC,SIGNLANGUAGE Depth: 3" (7.6 cm) Weight: 25 lbs (11.3 kg)



Tic-Tac-Toe PanelAC,TIC-TAC-TOE
Depth: 8" (20.3 cm)
Weight: 35 lbs (15.9 kg)



Tic-Tac-Toe Blocks TTT9R Set of 9 Items Bagged Weight: 15 lbs (6.8 kg)

Panels Barrier, Entry, & Bubble Panels



BARRIER & ENTRY PANEL DETAILS

- Safe entry into a tube slide or crawl tube
- · Recessed on both sides
- Chamfered edges
- Dimensions and weights are approximate

24" Clear Bubble Window B24,CL

Diameter: 24" (61 cm) Dimensions: 28" x 28" x 10" rise (71 cm x 71 cm x 25 cm rise) Weight: 5 lbs (2.3 kg) Hole Diameter: 24" (61 cm)

30" Clear Bubble Window B30,CL

Diameter: 30" (76.2 cm) Dimensions: 35" x 35" x 10" rise (89 cm x 89 cm x 25 cm rise) Weight: 7 lbs (3.2 kg) Hole Diameter: 30" (76.2 cm)



Clear Bubble Window Panel BP24C

Dimensions: 39" x 31" (99 cm x 78.8 cm) Depth: 10" (25.4 cm) Weight: 20 lbs (9.1 kg) Hole Diameter: 24" (61 cm)



Flat Panel FP30,2002

Dimensions: 43" x 41" (109 cm x 104 cm) Depth: 3" (7.6 cm) Weight: 20 lbs (9.1 kg) Hole Diameter: 30" (76.2 cm)



Clear Bubble Window Panel BP30C

Dimensions: 43" x 41" (109 cm x 104 cm) Depth: 10" (25.4 cm) Weight: 27 lbs (12.2 kg) Hole Diameter: 30" (76.2 cm)



Activity Panel ACTP,2002

Dimensions: 43" x 41" (109 cm x 104 cm) Depth: 2.5" (6.4 cm) Weight: 20 lbs (9.1 kg) Opening Size: 28.5" Square (72.4 cm)



Flat Panel P24,2002

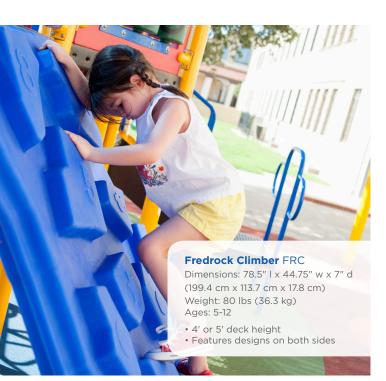
Dimensions: 39" x 31" (99 cm x 78.8 cm) Depth: 3" (7.6 cm) Weight: 15 lbs (6.8 kg) Hole Diameter: 24" (61 cm)



Ventilation Panel FS,SP5

Dimensions: 43" x 41" (109 cm x 104 cm) Depth: 3" (7.6 cm) Weight: 20 lbs (9.1 kg)

Climbers Outdoor Play Climbers





Cliff Hanger CLIFFHANGER

Dimensions: 67" at widest x 8" at smallest x 68.25" l (170 cm x 20 cm x 173.5 cm) Weight: 100 lbs (45.4 kg)

Ages: 5-12

- \bullet Uses 3%'' (9 cm) or smaller diameter pipes (not included) inside or bracket to outside vertical mounting area
- Can be designed in multiple configurations
- · Individual plastic component only



Bedrock Climber BRC

Dimensions: 66" | x 36" w x 6" d (167.6 cm x 91.4 cm x 15.2 cm) Weight: 65 lbs (29.5 kg) Ages: 5-12 Deck Height: 4' (1.2 m)



Bedrock Cap BRC,CAP

Dimensions: 68.5" | x 6" w x 6" d (174 cm x 15.2 cm x 15.2 cm) Weight: 12 lbs (5.4 kg)



Dino-Mite™ Climber DINO6

Dimensions: 62" | x 34" w x 90" h (157.5 cm x 86.4 cm x 228.6 cm) Weight: 175 | bs (79.4 kg) Ages: 5-12

Deck Height: 5' (1.5 m) and 6'



Dimensions: $42'' \mid x \mid 2'' \mid w \mid x \mid 14.5'' \mid h$ (105.7 cm x 30.5 cm x 36.8 cm) Weight: 15 lbs (6.8 kg)

- Endless configurations
- Fits 1.25" 3.5" (3.3 cm 9.1cm) pipe diameters (not included)
- Drainage flow built into the design
- Individual plastic component only



Roofs Square & Hexagon Deck Roofs

PLAYGROUND ROOF DETAILS

- Easily installed
- Provides shade to playgrounds
- 4 unique designs available
- Dimensions and weights are approximate

4' Pyramid Roof PR4,2002

Dimensions: 53.5" l x 53.5" w x 23" h (135.9 cm x 135.9 cm x 58.5 cm) Weight: 60 lbs (27.3 kg)

5' Pyramid Roof PR5,DW

Dimensions: 60" I x 60" w x 22" h (152.4 cm x 152.4cm x 55.9 cm) Weight: 80 lbs (36.3 kg)

Gable Roof GABLEROOF

Dimensions: 56" l x 54.75" w x 27" h (142 cm x 131 cm x 68 cm) Weight: 65 lbs (29.5 kg)



Cupola Roof CUPOLAROOF

Dimensions: 70" I x 70" w x 44" h (178 cm x 178 cm x 112 cm) Weight: 132 lbs (60 kg)



8' Hex Roof PR8

Dimensions: Outside: 109.5" x 109.5" x (278.4 cm x 278.4 cm x 101 cm)

Inside: 92" x 92" (234 cm x 234 cm)

Weight: 170 lbs (77 kg)

Deck Mounting systems



1° DRAFT SYSTEM

The face of the slide features a 1° draft so the top of the slide face contacts the deck first.

Used By:

- 3', 4', and 5' Flat Slides
- 4' and 5' Curve Slides
 - 6' Spiral Slide
 - Starglide Hood
- Starglide Single Entrance



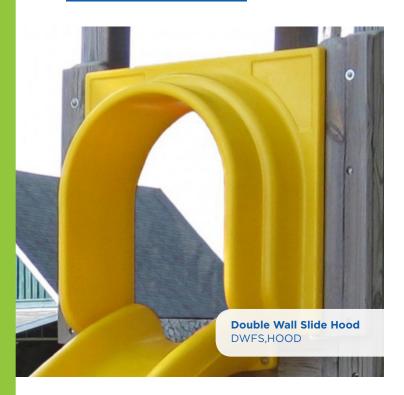
CONCAVE SYSTEM

The face of the slide is concave. When placed against the face of the deck, the outer edges of the slide contact the deck first.

Used By:

- 2' Flat Slide
- 3' Curve Slide
- 3', 4', and 5' Triple Rail Slide
 - 4' 5' and 6' Wave Slide
 - 6' Spiral Slide with Hood

Slides Slide Hoods





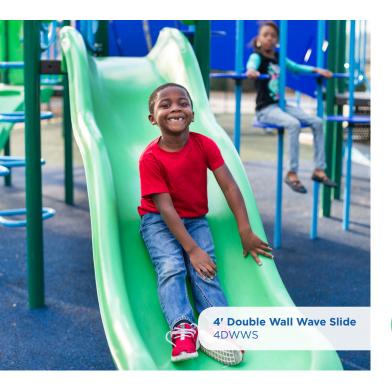


TRS,HOOD48

Slide Hoods

	Part No.	Dimensions	Weight
Double Wall Slide Hood	DWFS,HOOD	40" x 38" h x 16" d (101.6 cm x 96.5 cm x 40.6 cm)	28 lbs (13 kg)
36" Double Wall Slide Hood	DWFS,HOOD36	36" x 44" h x 15" d (91.4 cm x 112 cm x 38.1 cm)	30 lbs (14 kg)
Triple Rail Slide Hood	TRS,HOOD	45" x 30" h x 16" d (114.3 cm x 76.2 cm x 40.6 cm)	27 lbs (12.3 kg)
48" Triple Rail Slide Hood	TRS,HOOD48	48" x 33" h x 14.5" d (121.9 cm x 83.8 cm x 36.8 cm)	30 lbs (13.6 kg)

Slides One-Piece Slides





Curved Slide (Right Turn Only)

	Part No.	Deck Height	Width	Bed Width	Length	Weight
3' 90° Curved Slide	3CURVED,N	36" (91.4 cm)	24" (61 cm)	18" (45.7 cm)	70" (177.8 cm)	65 lbs (29.5 kg)
4' Curved Slide	4CURVED	48" (121.9 cm)	24" (61 cm)	18" (45.7 cm)	111" (281.9 cm)	90 lbs (41 kg)
5' Curved Slide	5CURVED	60" (152.4 cm)	24" (61 cm)	18" (45.7 cm)	130" (330.2 cm)	110 lbs (50 kg)

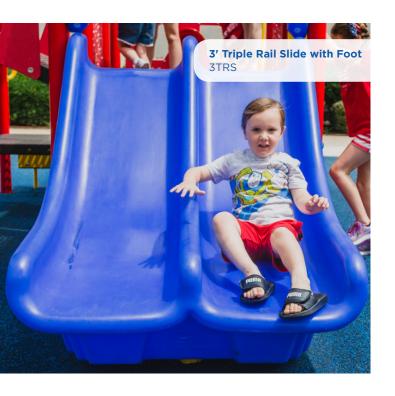
Double Wall Flat Slide

	Part No.	Deck Height	Width	Bed Width	Length	Weight
2' Double Wall Flat Slide	2DWFS	24" (61 cm)	24" (61 cm)	17" (43.2 cm)	58" (147.3 cm)	40 lbs (18.2 kg)
3' Double Wall Flat Slide	3DWFS	36" (91.4 cm)	23.5" (59.7 cm)	17.5" (44.5 cm)	90" (228.6 cm)	65 lbs (29.5 kg)
4' Double Wall Flat Slide	4DWFS	48" (121.9 cm)	23.5" (59.7 cm)	17.5" (44.5 cm)	116" (294.6 cm)	80 lbs (36.3 kg)
5' Double Wall Flat Slide	5DWFS	60" (152.4 cm)	23.5" (59.7 cm)	17.5" (44.5 cm)	132" (335.3 cm)	100 lbs (45.4 kg)

Double Wall Wave Slide

	Part No.	Deck Height	Width	Bed Width	Length	Weight
4' Double Wall Wave	4DWWS	48" (121.9 cm)	24" (61 cm)	17" (43.2 cm)	108" (274.3 cm)	85 lbs (38.5 kg)
5' Double Wall Wave	5DWWS	60" (152.4 cm)	24" (61 cm)	17" (43.2 cm)	128" (325.1 cm)	90 lbs (40.8 kg)
6' Double Wall Wave	6DWWS,2002	72" (183 cm)	24.5" (62.2 cm)	17.5" (44.5 cm)	145" (368.3 cm)	110 lbs (50 kg)

Slides Triple Rail Slides



TRIPLE RAIL SLIDE DETAILS

- Two slide bedways in one molded unit
- 4' and 5' options have one concave and one convex slide bedway
- Molded-in foot (except 3' without foot)
- Rounded corners (except 3' without foot)



Triple Rail Slide

	Part No.	Deck Height	Width	Each Bed Width	Length	Weight
3' Triple Rail Slide with Foot	3TRS	36" (91.4 cm)	42" (107.7 cm)	17" (43.2 cm)	60" (152.4 cm)	80 lbs (36.3 kg)
3' Triple Rail Slide without Foot	3TRS,OLD	36" (91.4 cm)	36" (91.4 cm)	13" (33 cm)	78" (198 cm)	75 lbs (34 kg)
4' Triple Rail Slide	4TRS	48" (121.9 cm)	41" (104 cm)	17" (43.2 cm)	97.25" (247 cm)	130 lbs (59 kg)

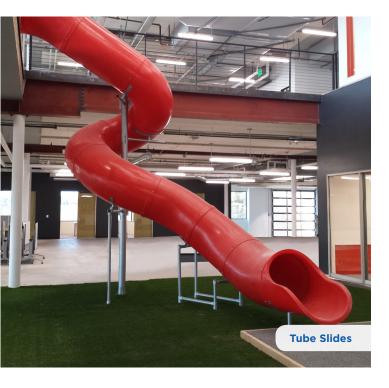
Triple Rail Wave Slide

	Part No.	Deck Height	Width (At Deck)	Width (At Exit)	Each Bed Width	Length	Weight
5' Triple Rail Wave Slide	5TRS	60" (152 cm)	41" (104 cm)	55.5" (141 cm)	16.25" (41.3 cm)	117" (297 cm)	150 lbs (68 kg)





Slides Spiral & Tube Slides





Deck Height: 68.5" (1.7 m) Width: 45.625" (1.2 m) Height: 110.625" (2.8 m)

Weight: 150 lbs (81.6 kg) (slide), 18 lbs (8.2kg) (hood)

Only available in Blue (BL), Dark Red (DR), Dark Yellow (DY),

Green (GR), and Tan (TA)



Custom Tube Slides

- Available in 30" diameters
- Molded in bell joints allow for connections for additional length or use with elbows
- Straight, curve, hook, veer, and snake tube slide designs available
- Contact us for a custom design

Installation Suggestions:

- Adventure Parks Backyards
- Campgrounds Churches
- Home/Cottages • Boat Docks
- Office • Fire Stations
- Tree Houses Daycares

Custom Spiral Tube Slides

- Available in 30" diameters
- Molded in bell joints allow for connections for additional length or use with elbows
- Contact us for a custom design

Installation Suggestions:

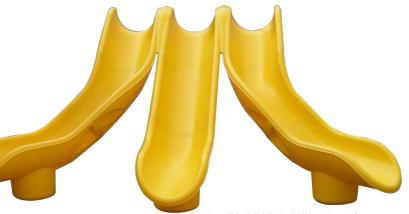
- Adventure Parks
- Backyards
- Campgrounds
- Churches
- Home/Cottages
- Boat Docks
- Office
- Fire Stations
- Tree Houses
- Daycares

Slides Starglide Sectional Slides

Starglide Sectional Slide

SECTIONAL SLIDE DETAILS

- Available in multiple configurations
- Available from 3' to 8' deck heights
- · Available with or without slide hood
- Veer designs are 45°, turn designs are 90°



Starglide 5' Triple Bed Slide - Veer Left, Straight, Veer Right SG,5TBS,VSV Weight: 372 lbs (169 kg)



Starglide 7' Turn Left SG,7TURN,L Weight: 192 lbs (87 kg)



Starglide 7' Wave SG,7W Weight: 192 lbs (87 kg)



Starglide 6' Veer Left SGO,6VEER,L Weight: 151 lbs (68.5 kg)

Slides Starglide Sectional Slides

Starglide Triple Bed Slides

Description	Configuration	Part No.	Weight
Starglide 5' Triple Bed Slide	Straight/Straight/Straight	SG,5TBS,SSS	372.5 lbs (169 kg)
Starglide 5. Triple Bed Slide	Veer Left/Straight/Veer Right	SG,5TBS,VSV	372.5 lbs (169 kg)
Chambida Ci Taiala Dad Ciida	Straight/Straight/Straight	SG,6TBS,SSS	473 lbs (214.5 kg)
Starglide 6' Triple Bed Slide	Veer Left/Straight/Veer Right	SG,6TBS,VSV	473 lbs (214.5 kg)
Chambida 7/ Triala Dad Clida	Straight/Straight/Straight	SG,7TBS,SSS	519.5 lbs (236 kg)
Starglide 7' Triple Bed Slide	Veer Left/Straight/Veer Right	SG,7TBS,VSV	519.5 lbs (236 kg)
Ctlid- Ol Trial- D-d Clid-	Straight/Straight/Straight	SG,8TBS,SSS	572 lbs (259.5 kg)
Starglide 8' Triple Bed Slide	Veer Left/Straight/Veer Right	SG,8TBS,VSV	572 lbs (259.5 kg)

Starglide Sectional Slides

Description	With Slide Hood Part No.	Weight	Without Slide Hood Part No.	Weight
Starglide 3' Straight	SG,3STR	109.5 lbs (50 kg)	SGO,3STR	84.5 lbs (38 kg)
Starglide 4' Straight	SG,4STR	127 lbs (58 kg)	SGO,4STR	102 lbs (46 kg)
Starglide 5' Straight	SG,5STR	142.5 lbs (65 kg)	SGO,5STR	117.5 lbs (53 kg)
Starglide 5' Wave	SG,5W	142.5 lbs (65 kg)	SGO,5W	117.5 lbs (53 kg)
Starglide 5' Veer Left	SG,5VEER,L	142.5 lbs (65 kg)	SGO,5VEER,L	117.5 lbs (53 kg)
Starglide 5' Veer Right	SG,5VEER,R	142.5 lbs (65 kg)	SGO,5VEER,R	117.5 lbs (53 kg)
Starglide 6' Straight	SG,6STR	176 lbs (80 kg)	SGO,6STR	151 lbs (68.5 kg)
Starglide 6' Wave	SG,6W	176 lbs (80 kg)	SGO,6W	151 lbs (68.5 kg)
Starglide 6' Veer Left	SG,6VEER,L	176 lbs (80 kg)	SGO,6VEER,L	151 lbs (68.5 kg)
Starglide 6' Veer Right	SG,6VEER,R	176 lbs (80 kg)	SGO,6VEER,R	151 lbs (68.5 kg)
Starglide 7' Straight	SG,7STR	192 lbs (87 kg)	SGO,7STR	166.5 lbs (75.5 kg)
Starglide 7' Wave	SG,7W	192 lbs (87 kg)	SGO,7W	166.5 lbs (75.5 kg)
Starglide 7' Veer Left	SG,7VEER,L	192 lbs (87 kg)	SGO,7VEER,L	166.5 lbs (75.5 kg)
Starglide 7' Veer Right	SG,7VEER,R	192 lbs (87 kg)	SGO,7VEER,R	166.5 lbs (75.5 kg)
Starglide 7' Snake Left	SG,7SNAKE,L	192 lbs (87 kg)	SGO,7SNAKE,L	166.5 lbs (75.5 kg)
Starglide 7' Snake Right	SG,7SNAKE,R	192 lbs (87 kg)	SGO,7SNAKE,R	166.5 lbs (75.5 kg)
Starglide 7' Turn Left	SG,7TURN,L	192 lbs (87 kg)	SGO,7TURN,L	166.5 lbs (75.5 kg)
Starglide 7' Turn Right	SG,7TURN,R	192 lbs (87 kg)	SGO,7TURN,R	166.5 lbs (75.5 kg)
Starglide 8' Straight	SG,8STR	209 lbs (95 kg)	SGO,8STR	184 lbs (83.5 kg)
Starglide 8' Wave	SG,8W	209 lbs (95 kg)	SGO,8W	184 lbs (83.5 kg)
Starglide 8' Veer Left	SG,8VEER,L	209 lbs (95 kg)	SGO,8VEER,L	184 lbs (83.5 kg)
Starglide 8' Veer Right	SG,8VEER,R	209 lbs (95 kg)	SGO,8VEER,R	184 lbs (83.5 kg)
Starglide 8' Turn Left	SG,8TURN,L	209 lbs (95 kg)	SGO,8TURN,L	184 lbs (83.5 kg)
Starglide 8' Turn Right	SG,8TURN,R	209 lbs (95 kg)	SGO,8TURN,R	184 lbs (83.5 kg)
Starglide 8' Snake Left	SG,8SNAKE,L	209 lbs (95 kg)	SGO,8SNAKE,L	184 lbs (83.5 kg)
Starglide 8' Snake Right	SG,8SNAKE,R	209 lbs (95 kg)	SGO,8SNAKE,R	184 lbs (83.5 kg)

Slides Sectional Slide Parts



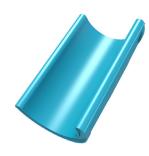




Starglide Exit SG, EXIT Weight: 54.5 lbs (24.7 kg)



Starglide Straight SG,STRAIGHT Weight: 17.6 lbs (8 kg)



Starglide Straight Double SG,STR,DOUBLE Weight: 33 lbs (15 kg)



Starglide Turn Left: SG,TURN,LEFT **Right:** SG,TURN,RIGHT Weight: 33 lbs (15 kg)



Starglide Wave SG,WAVE Weight: 33 lbs (15 kg)



Width: 81.5"





Starglide Support SG,SUPPORT Weight: 6 lbs (7.25 kg)

Color Options



^{*}Spring Green not suitable for single wall parts. Colors shown are representations, inquire for color samples.

Warranty

SPI Plastics, Inc. (SPI) provides a 10-Year Limited Warranty for all polyethylene components. This warranty covers structural failure for the value of the product, not including freight charges or labor expense. This warranty does not cover vandalism or cosmetic issues (such as color fading).

CAD Files

.DWG files and images for the various components listed in this catalogue are available for download. CAD files are AutoCAD 2002 compatible, but may work back to AutoCAD 14. Most files are drawn in solids but some complex components are drawn in surfaces and are not exact representations.

To access these files, please call us at 1.800.269.6533.

Specifications Exxon LL DPE LL 8555 Polyethylene Resin

Resin Properties	Typical Value	Units	Test Based On
Density		g/cm³	ExxonMobil Method
Melt Index (190°C/2.16kg)	6.8	g/10 min	ASTM D1238
Thermal			
Deflection Temperature Under Load (DTUL) at 66psi - Unannealed	52	°C	ASTM D648
Deflection Temperature Under Load (DTUL) at 264psi - Unan- nealed	36	°C	ASTM D648
Peak Melting Temperature	126	°C	ASTM D3418
Molded Properties			
Tensile Strength at Yield (50mm/minute)	16		ASTM D638
Elongation at Yield (50mm/minute)			ASTM D638
Flexural Modulus - 1% Secant			ASTM D790B
Environmental Stress-Crack Resistance 10% Igepal, F50 100% Igepal, F50	50 >1000	hr hr	ASTM D1693A
Impact Strength			
-40°C, 3.18mm -40°C, 6.35mm	80 203	J	ARM

Additional Information

- All physical properties were measured on 3mm rotomolded samples unless a different value is shown, except for ESCR, which was measured on compression molded samples
- Tensile testing was conducted at a crosshead speed of 50 mm/min. The tensile strength reported refers to the maximum stress reached during the test
- Test procedures may be modified to accommodate operating conditions or facility limitations
- Meets FDA requirements
- UV-stabilized



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