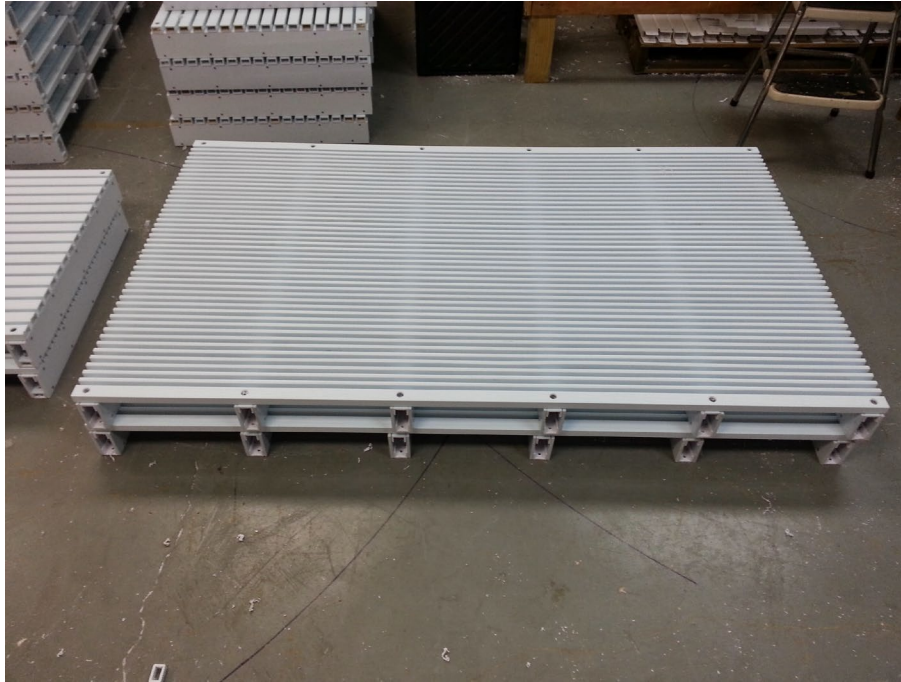


LAG 375 375



- Includes VGBA testing results and Certificate of Conformity for Field Fabricated Sump Grating per updated APSP-16 2017.
- Fabricated out of high impact PVC in the form of tubing that is 3/8" wide and spaced 3/8" apart.
- Standard Profile height of 3-3/4. Can be modified.
- Machined anti-skid surfaces meet ASTM c - 1028 static Coefficient of friction, wet or dry.
- UV inhibitors used to meet the requirements of ASTM D 4726.
- Each tube is riveted to each support truss with Stainless Steel rivets to ensure a great looking product that will stand up to years of use and abuse.
- Custom fabricated in any width, in 1/8" increments.
- Made to measure corners to accommodate any angle
- Easy installation with pre drilled fastening holes and hardware.
- Available in three colors; white, sand, and blue.
- Warranty - 10 years against manufacturer's defect.

GRATE IDEAS®

QUALITY POOL PRODUCTS & MORE

High Flow - 3/8" wide grating; 3/8" wide spacing

Large Area Grate

Model LAG-375-375

Unblockable
This is only available in sizes
exceeding 18"x23" -

23' to 72' long

18' to 72' wide

23' to 72' long

ANTI-SKID SURFACE

3 3/4"

Grate shall be fabricated out of high impact PVC and shall use tubing that is 3/8" wide x 3/4" high. Tube on each side shall be 1-1/8" wide x 3/4" high to allow for fastening. Tubing to have machined anti-skid surface and be spaced 3/8" apart.

GRATE IDEAS
27 Bennett Dr #2701 Tel 802-852-4892
50 Burlington, VI 05403 Tel 802-255-6044
Fax 802-852-7976

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01	HR	10-14-02		

NOT TO SCALE

Standard Fastening

Large Area Grate

Model LAG-375-375
Fastening Detail

1 1/8"

3/8"

3/4"

3"

1 1/2"

PVC CAP

1/4" x 20 x 3-1/2" SS Screw

STAINLESS STEEL DROP IN ANCHOR

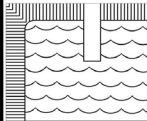
Ledge in Concrete Typical

Fastening points to be located at every support truss. Trusses to be spread no more than 18" apart. All fastening hardware shall be provided.


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Not To Scale



Grate Ideas
27 Berard Drive Suite 2701
South Burlington, Vermont 05403
Phone: 802-860-4695
Fax: 802-862-7976



High Flow Perpendicular Extruded Grating System

A. Specified Manufacturer:

Grate Ideas
27 Berard Drive Suite 2701
South Burlington, Vermont 05403
Ph: 1-800-292-6044
Fx: 1-802-862-7976
www.grate-ideas.com

B High Flow Perpendicular Extruded Grating System:

- 1 Extruded UV stabilized PVC grate assembly supplied in 36" long sections.
- 2 Grating bars shall be 3/8" wide x 3/4" thick x .150 rectangular tubing. The top of the grate shall have a machined anti-skid surface to provide good traction wet or dry.
- 3 The open spaces between the grate bars shall not exceed 3/8".
- 4 Each grate section shall be predrilled for fastening with fastening location no more than 24" apart. All fasteners shall be provided by the manufacturer.
- 5 Grating bars shall be perpendicular to the pool walls.
- 6 Grating shall provide 50% surface open area for unrestricted water flow.
- 7 Angled corners shall be provided by the grating manufacturer.
- 8 Color to be selected by Owner from manufacturers standard color selection or by the manufacturer color matching to the Owners desired colors.

GRATE IDEAS®

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GRATE
IDEAS®

DETAILS, DETAILS, DETAILS...

Information and Specifications on "Grate ideas®" Gutter Grates

All grates are fabricated of PVC (polyvinylchloride) extrusions produced especially for the swimming pool environment. The formulation used yields a high-impact product.

The best colorfast pigments are used in association with ultra-violet resistant additives to allow the grates to be made available in color combinations which can be used both in indoor and outdoor installations.

TYPICAL PHYSICAL PROPERTIES:

	ASTM Test	At 72°F
Tensile Strength (psi)	D-638	6,100
Tensile Modulus (psi)	D-638	350,000
Flexural Strength (psi)	D-790	11,700
Flexural Modulus (psi)	D-790	415,000
Izod Impact (ft-lbs/in)	D-256	3.0
Coefficient of Linear Expansion: 3.45 in/in °F x 10 ⁻⁵	D-696	

The following colors are inventory material and readily available.

A01 WHITE A04 GRAY
A02 ALMOND A05 SAND
A03 LIGHT BLUE

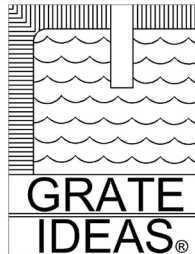
Other colors are available, but may be subject to a surcharge or a minimum run.

A non-skid surface is a standard feature on GRATE IDEAS® products.

Grates may be fabricated in various color combinations.



QUALITY POOL PRODUCTS & MORE



Grate Ideas

27 Berard Drive Suite 2701
So. Burlington, VT 05403
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info@grate-ideas.com

Care and Maintenance of PVC Grate Assemblies

Grate Ideas® PVC grate assemblies are designed and manufactured to be virtually maintenance free. The formulation of the PVC used in our products allows the user to maintain these assemblies as they would with any other pool equipment.

There are no specific cleaners or methods needed to clean these assemblies. If required, use only approved aquatic cleaning products that will not react with pool chemicals. Abrasive cleaners or use of abrasive cleaning medium is not recommended as it may deteriorate the non-slip surface over time.

Grates should always rest upon the trench evenly, and should not rock or wobble while in the trench. If fasteners are used ensure that the fasteners remain secure.



QUALITY POOL PRODUCTS & MORE

Warranty

Grate Ideas, Inc. warrants that all P.V.C pool grates will be free from defects for a period of ten years from the date of manufacture. Grate Ideas will repair or replace at its discretion any material found to be defective during the warranty period subject to the following conditions:

- 1) The material in question must be pre-approved for return to our factory. Call 800-292-6044 for RMA#
- 2) Material shall be packaged to prevent damage during shipping.
- 3) Material is to be returned prepaid.

Exclusions & Limitations

- 1} This warranty does not apply to replacement necessitated by misuse and negligence.
- 2} The manufacturer shall not be liable for incidental or consequential damages such as, (but not limited to) expenses for telephone, travel, legal, or damage to personal property, loss of time or inconvenience.

No other warranties other than as set forth herein is represented by the manufacturer nor is any person authorized to make any representation of any expressed or implied warranty on its behalf