

The Most Versatile Vault System Available.

Wherever you are, Channell offers a Bulk Vault System to fit your application.

The Bulk features one universal vault body that is upgradeable to meet the standards of light, medium, and heavy duty applications simply by changing the lid or ring design.

Specifications vary based on country, so be sure to review the guidelines that apply to your region.



Light Duty

Application:

- Targeted to light pedestrian use/light vehicular traffic
 - Residential
 - Parklands
- Vault body is made of HDPE structural foam; flush mounted racking is standard
- Lid features a L-bolt™ lock
- Vault body is upgradeable to medium and heavy duty applications with a simple change in lid or ring design



Medium Duty

Application:

- Used in areas of frequent pedestrian traffic and occasional vehicular traffic
 - Sidewalks
 - Traffic Dividers
- Vault body is made of HDPE structural foam; flush mounted racking is standard.
- Lid is made of polymer concrete/ composite materials
- L-bolt or bolt down cover versions available
- Optional composite or galvanized steel ring
- Vault body is upgradeable to heavy duty applications with a simple change in lid or ring design



Heavy Duty

Application:

- Used where light truck and auto traffic occur sporadically
 - Driveways
 - Alleys
 - Secondary roads
- Vault body is made of HDPE structural foam; flush mounted racking is standard
- Drop in polymer concrete/ composite material or ductile iron lid
- Bolt down version only
- Composite or ductile iron ring is available for concrete or asphalt applications



FIBERX™

FiberX™ is a superhero fiber optic product team in the Channell Universe that is dedicated to the protection of fiber optics. FiberX is committed to making the world of fiber optics a better place through design, innovation, and service.

FiberX products feature an optimal fiber splice management system that is simple, organized, and craft-friendly. With a wide range of features and accessories, FiberX offers a customized solution to meet the needs of any FTTX application.

The strength of FiberX has evolved from Channell's 90 years of experience and leadership in thermoplastic enclosures for the telecommunication and broadband industries. FiberX embodies the same patented, reliable, and proven features that have contributed to Channell's reputation and great success.

FOR MORE INFORMATION ABOUT FIBERX PRODUCTS, CALL 800-423-1863.

GREEN HORNET™

BUTT SPLICE CONFIGURATION CLOSURE SERIES

OPTIMUS™

FREE-BREATHING CLOSURE SERIES

YELLOW JACKET™

INLINE SPLICE CONFIGURATION CLOSURE SERIES

FLASH™

ENVIRONMENTALLY SEALED PEDESTAL SERIES

BULK™

CABLE MANAGEMENT PIT/VAULT SYSTEM SERIES

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Where The Industry Connects.

USA: Channell Commercial Corporation, Temecula, CA • Tel. 800.423.1863 • Fax. 951.296.2322
 CANADA: Channell Canada, Inc., Mississauga, Ontario • Tel. 905.565.1700 • Fax. 905.565.8282
 EUROPE, MIDDLE EAST, AFRICA: Channell Ltd., London, UK • Tel. 44.1689.871522 • Fax. 44.1689.833428
 AUSTRALIA, ASIA, PACIFIC RIM: Channell Pty. Ltd., Seven Hills, Australia • Tel. 61.2.8884.4111 • Fax. 61.2.8814.8841
 WORLDWIDE HEADQUARTERS: Channell Commercial Corporation • Tel. 951.719.2600 • 26040 Ynez Road • P.O. Box 9022 • Temecula, CA 92589-9022 USA

www.channell.com

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Dedicated to protecting fiber optics through design, innovation, and service.

FIBERX™

BULK™



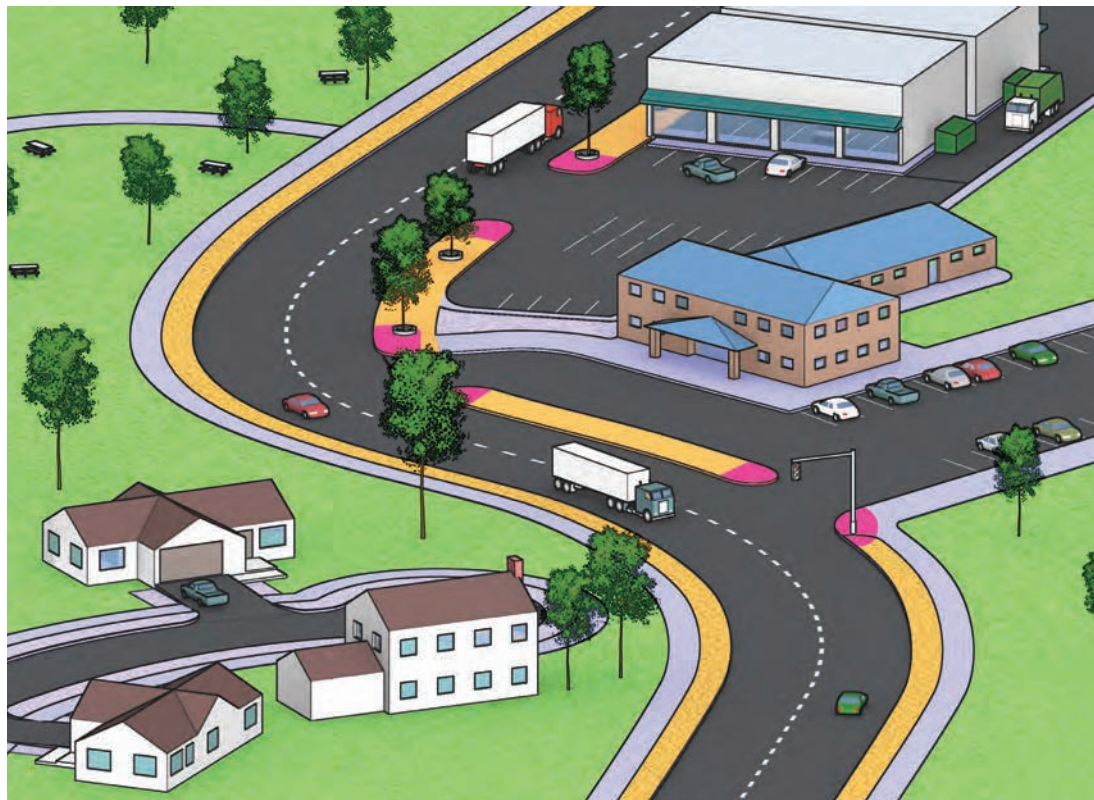
**CABLE MANAGEMENT
PIT / VAULT
SYSTEM SERIES**
BROUGHT TO YOU BY CHANNELL

FIBERX™

Dedicated to protecting fiber optics through design, innovation, and service.

Performance Category	Application (Installation Location)	GVW (lb.)	Max Wheel Load (lb.)	Design Load	Test Load		Load Category
Light Duty Pedestrian Only	Non-deliberate vehicular traffic limited to light vehicle. Includes grass surround; if in designated walkway.	5,000	2,000	2,000	3,000	ANSI/ SCTE 77	Light Duty, Pedestrian
Medium Duty Non-Deliberate (Incidental) Traffic	Non-deliberate vehicular traffic limited to Class 5 (1½ ton truck). Generally, protected in a sidewalk i.e. adjacent to lighting standard or street cabinet. Includes handhole (vault) that may include a cabinet or pedestal installed in a PC cover.	19,500	7,800	8,000	12,000	ANSI/ SCTE 77	Tier 8
Heavy Duty Non-Deliberate (Incidental) Traffic	Non-deliberate vehicular traffic limited to Class 7 (2 ½ ton truck). Generally, in a sidewalk but not at a corner or driveway.	40,000	16,000	15,000	22,500	ANSI/ SCTE 77	Tier 15
	Non-deliberate vehicular traffic up through and including tractor-trailer trucks. Anywhere in a sidewalk or parking lot but not the driveway. Highway easement but not highway shoulder; these installations generally benefit from a concrete collar (surround).			22,500	33,750	ANSI/ SCTE 77	Tier 22

Notes: 1) "Max Wheel Load (lb.)" is based on the AASHTO/ ASTM 40% of GVWR rule.
 2) "Design Load" and "Test Load" values are in pounds force (lb f) unless noted otherwise.
 3) ANSI/ SCTE 77 Test Loads are based on Design Load x Safety Factor of 1.5
 4) "Light Duty" Design Load may not be suitable for installation in a dedicated pedestrian walkway (sidewalk) unless the cover coefficient of friction is ≥ 0.5; HDPE is typically < 0.45
 5) "Heavy Duty" Performance Category is subdivided into two ranges to accommodate ANSI/ SCTE 77 "Tiers"



APPLICATION GUIDE
(refer to above table)

- 1) **Light Duty* Pedestrian Only**
Diagram Label Color:
* 3,000 lbs
 - 2) **Medium Duty Up To Class 5 - Tier 8* Pedestrian/Light Incidental Traffic**
Diagram Label Color:
* 12,000 lbs
 - 3) **Heavy Duty Up To Class 7 - Tier 15* Non-Deliberate Vehicular Traffic**
Diagram Label Color:
* 22,500 lbs
 - 4) **Heavy Duty Up To Class 8 - Tier 22* Non-Deliberate Vehicular Traffic**
Diagram Label Color:
* 33,750 lbs
- Hand Hole Traffic Rated Product Required - Not Applicable
Diagram Label Color:

The Only One of its Kind in the World.

The Bulk is the **first & only** plastic grade level box to meet Tier 22, Class C, and other global test load specifications representative of a load bearing capacity of up to 33,750lbs. / 150 kN. Test load meets or exceeds global market standards:



The Bulk: Leader of the Underground.

Channell's SGLB design revolutionized the box business; and with over one million in service, Channell has proven itself a force to be reckoned with in the industry. Now, the brilliant engineers of Channell have updated the SGLB design and created a new monster: The Bulk.

What is the Bulk?

The Bulk is an upgradable, re-enterable cable management vault system series with the highest-performance standards in the industry; making it the leader of the underground.

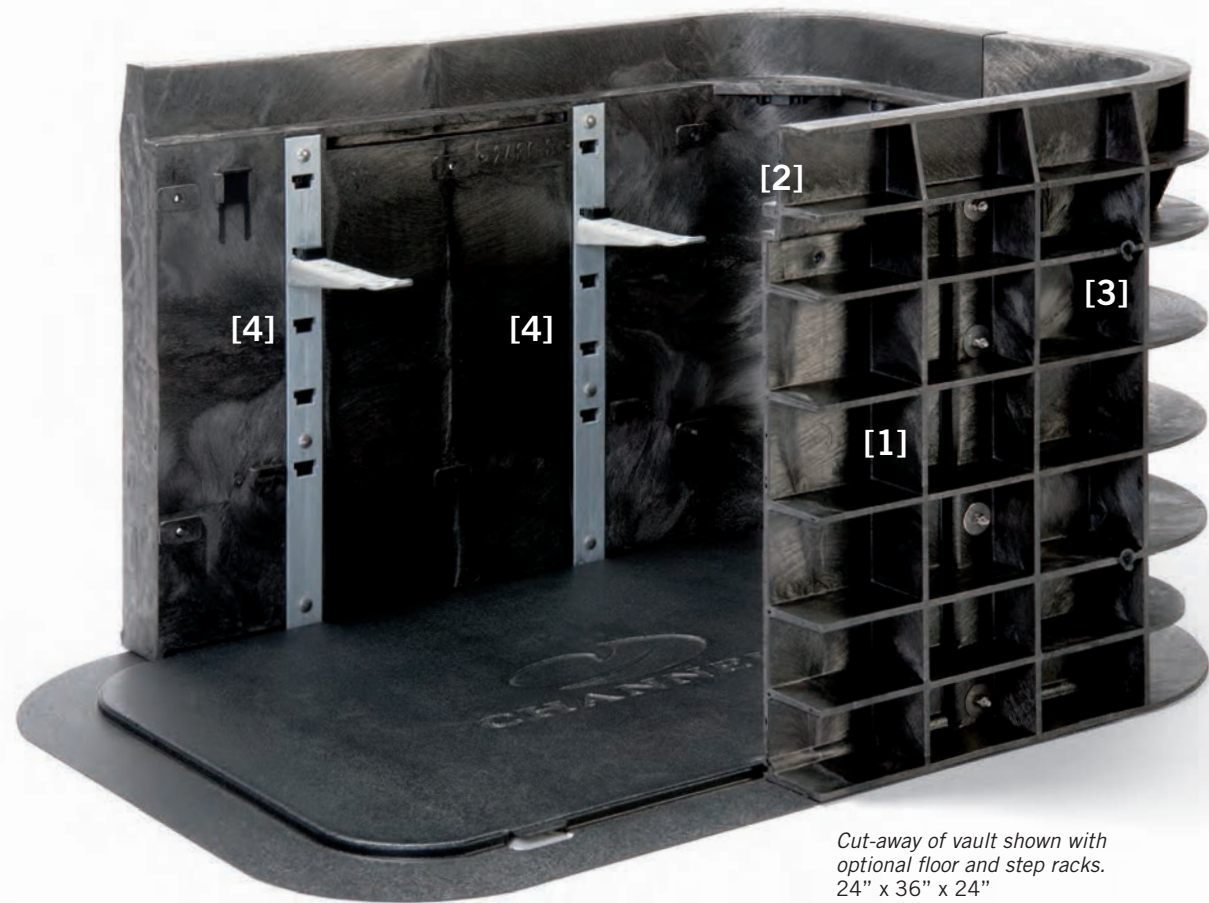
- One universal vault body
- Upgradeable design
- Incredible strength
- Lightweight solution
- Superior cable management system

What makes Bulk different?

- Upgrade in design: Bulk features embedded, factory installed racking
- Racking gives Bulk the ability to be upgraded to a heavy duty application by simply changing the lid
- Bulk eliminates the need for a ring
- Bulk's racks provide optimal cable organization and eliminate the need to purchase racking



What Makes the Bulk 50 Incredible?



Cut-away of vault shown with optional floor and step racks. 24" x 36" x 24" (609mm X 914mm X 609mm)



HDPE Structural Foam

HDPE structural foam guarantees strength and durability, and also makes The Bulk is incredibly lightweight! So while Bulk may exert incredible strength, that strength is not required in return for installation. Bulk's lightweight body eliminates the need for a crane, and therefore increases craft safety and lowers installation costs.

[1] Shutterbox/High Rib Design

The shutterbox, high rib design externally reinforces and locks Bulk into the ground; making The Bulk is even stronger once installed.

[2] I-Beam design

The patented "I-Beam" design greatly increases the cover load bearing capacity and sidewall strength by allowing the cover load to be supported by the complete sidewall. (Patent #7,381,888)

[3] Straight Sidewall Design

The straight sidewall design increases the internal working space of the vault while also providing a better organization and cable management system by allowing vertical racking. Bulk's straight sidewall also contributes to lower installation costs and increased craft safety by eliminating the need of a large placement hole.

[4] Flush To Wall™ Metal Racking

The factory installed, embedded racking contributes to the structural functionality of the vault body; maximizing the overall strength and load bearing capacity.



Swing Arm with Mounting Plate



Sidewall Mounting Plate

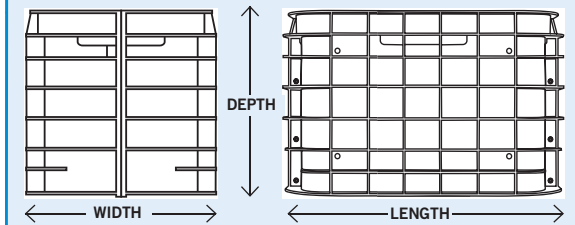


Step Rack



Increased internal working space

UNIVERSAL VAULT BODY SIZES



NORTH AMERICA

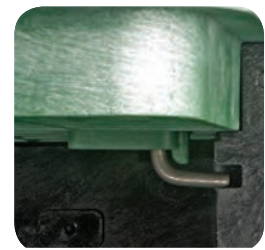
Product Name	Dimensions in Inches		
	W	x L	x D
BULK 1324	13	x 24	x 24
BULK 1230	12	x 30	x 24
BULK 1730	17	x 30	x 24
	17	x 30	x 36
BULK 2436	24	x 36	x 24
	24	x 36	x 36
BULK 2448	24	x 48	x 36
BULK 2476	24	x 76	x 42
BULK 3048	30	x 48	x 36

INTERNATIONAL

Product Name	Dimensions in Millimeters		
	W	x L	x D
BULK 1	330	x 609	x 669
BULK 2	305	x 762	x 609
BULK 3	432	x 762	x 609
	432	x 762	x 863
BULK 4	609	x 914	x 609
	609	x 914	x 863
BULK 5	609	x 1219	x 914
BULK 6	609	x 1930	x 1067
BULK 7	762	x 1219	x 914



Winterized Door Drop



"L" Bolt Security Latch



Customized Logo Puck



Hook Bracket