



Margo Grout Plug/Packer Product Line

2010 Retail PRICE LIST

River Rock Industries Corp.

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(See Description and Limitations at beginning and end of section**)**

Special Sizes-

RR062 SERIES MARGO GROUT PLUG/PACKER for 3/4 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price (CAD)
RR062-6	Margo Grout Plug for 3/4" Hole x 6	6	1	1	in	0.44	lbs		\$ 19.60
RR062-12	Margo Grout Plug for 3/4" Hole x 12"	12	1	1	in	0.85	lbs		\$ 22.10
RR062-18	Margo Grout Plug for 3/4" Hole x 18"	18	1	1	in	1.1	lbs		\$ 24.60
RR062-24	Margo Grout Plug for 3/4" Hole x 24"	24	1	1	in	1.95	lbs		\$ 27.10


These are packers are designed to be used in 3/4" diameter hammer drilled holes.

Description: Used to control water in drill holes and/or injecting cementitious or chemical grouting compounds in high volumes. The hollow center pipe (1/8") is securely anchored in the drill hole by the four precision made expanding rubber sleeves and specially machined washers. The 1/8" center pipe allows the grouter to pump larger quantities of product. Can be made with one, two or three rubber sections. Accurate sizing results in maximum grout plug holding power.

Attach your ball valve (not included) to the threaded extension pipe end.

ATTENTION: The entire rubber portion of all plugs **MUST** be contained within the dill hole to function correctly.

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded

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(See Description and Limitations at beginning and end of section**)**
RR087 SERIES MARGO GROUT PLUG/PACKER for 1 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR087-18	Margo Grout Plug: 1" Hole x 18"	20	2	2	in	3.32	lbs		\$ 55.02
RR087-24	Margo Grout Plug: 1" Hole x 24"	26	2	2	in	5.06	lbs		\$ 57.98

Used to control water in drill holes and/or injecting cementitious or chemical grouting compounds in high volumes. The hollow center pipe is securely anchored in the drill hole by the four precision made expanding polyurethane rubber sleeves and specially machined washers. **The 1" Packer uses a collar and NOT a nut. You must use a pipe wrench to tighten this unit.**

River Rock Industries produces a unique grout plug!

- Our Margo style grout plugs come without welding of the outlet end washers. We use a pipe flaring procedure instead!
- Constructed using 100% high performance polyurethane rubber sleeves which; far superior than the standard rubber sleeves! The **Margo Grout Plugs** (also called Grout Packers) are designed to be **sized slightly smaller than the actual drill hole diameter**. Accurate sizing results in maximum grout plug holding power. Attach your ball valve (not included) to the NPT threaded inlet pipe end.

ATTENTION: The entire rubber portion of all plugs **MUST** be contained within the dill hole to function correctly.

(See Description and Limitations at beginning and end of section**)**

The Margo Grout Plug or Packer-

Model Number Denotes Plug Length
(example: RRXXX-48 is a 48 inch long plug)

Description: Used to control water in drill holes and/or injecting cementitious or chemical grouting compounds in high volumes. The hollow center pipe is securely anchored in the drill hole by the four precision made expanding polyurethane rubber sleeves and specially machined washers.

River Rock Industries produces a unique grout plug!

- Our Margo style grout plugs come without welding of the outlet end washers. We use a pipe flaring procedure instead!
- Constructed using 100% high performance polyurethane rubber sleeves which; far superior than the standard rubber sleeves!
- We can provide a fully galvanized unit at only a 10% increase in cost over the standard packers!
These units will be ready to use when you need them, not rusted hunks of metal.

The **Margo Grout Plugs** (also called Grout Packers) are designed to be **sized 1/8" smaller than the actual drill hole diameter**. Accurate sizing results in maximum grout plug holding power. Attach your ball valve (not included) to the NPT threaded inlet pipe end. The **Margo Grout Plug** is available in all standard sizes for 1" (25.4mm) to 6" (152.4mm) drill holes including EX, AQ, BQ & NQ.

These precision made **Margo Grout Plugs** have been used extensively in mines and construction projects throughout the globe and are made in Ontario, Canada.

Packaging: Custom per order.

Available Sizes: From 1" to 6" hole sizes and 18" to 240" lengths. **Any custom size is available!**
Please call or email for custom grout plug requests.

(See Description and Limitations at beginning and end of section**)**

Pressure Limitations

Our plugs are similar to most other grout plugs or packers as they are sometimes called. They are anchored in the hole by expanding a flexible sleeve to create a friction fit within the hole wall. For our sleeves we use high performance polyurethane because of its toughness and high shear strength in all temperatures. These sleeves can be adjusted to any custom shore A hardness to meet individual customer needs.

By tightening the drive nut or collar at the top of the plug, this forces the outer slider onto the rubber and compresses it causing the rubber to expand against the hole wall.

Because the plugs are used in many different types of ground, ground conditions and type of bit used to cut the hole **we do not provide any pressure ratings with our plugs**. Our plugs and similar styles have been used throughout the industry and around the world for grouting applications for many years. **For high pressure applications, customers sometimes choose to drill two anchor holes, one on each side of the grouting hole, and anchor rock bolts in these holes**. Then the grout plug can be chained or cabled to the anchors as an extra precaution. For normal grouting operations the friction fit of the grout plug is usually enough.

Installation

Tighten the drive nut or collar at the top of the grout plug until it just begins to compress the rubber. The rubber should be just snug in the hole and a bit of force is required to push it into the hole to the desired depth. Be sure to leave about 18" to 24" above the collar of the hole. Now continue tightening the drive nut to between 150 – 200 ft lbs of torque or until the end of the thread is reached. Check that the plug is secure in the hole. The diameter of the rubber and washers should approx. 1/8" less than to diameter of the hole.

2 Piece Grout Plug - Available

The 2 piece plug is joined by a coupling set at the length desired. For the full 21 ft length, join the two pieces of hollow pipe with the coupling. The drive sleeve is also in two pieces and requires a washer be placed between the two butting ends. To use the short length, simply remove the second section and use the short section of hollow pipe and matching drive sleeve. This configuration is also useful in tunnels when it may be difficult or impossible to install a full length packer.

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
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(* See Description and Limitations at beginning and end of section***)**

RR100 SERIES MARGO GROUT PLUG/PACKER for 1-1/8 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR100-18	Margo Grout Plug for 1-1/8" Hole x 18"	20	2	2	in	3.33	lbs		\$ 49.90
RR100-24	Margo Grout Plug for 1-1/8" Hole x 24"	26	2	2	in	5.07	lbs		\$ 51.38
RR100-36	Margo Grout Plug for 1-1/8" Hole x 36"	38	2	2	in	6.81	lbs		\$ 54.36
RR100-48	Margo Grout Plug for 1-1/8" Hole x 48"	50	2	2	in	8.55	lbs		\$ 57.32
RR100-60	Margo Grout Plug for 1-1/8" Hole x 60"	64	2	2	in	10.29	lbs		\$ 60.28
RR100-72	Margo Grout Plug for 1-1/8" Hole x 72"	76	2	2	in	12.03	lbs		\$ 63.24
RR100-84	Margo Grout Plug for 1-1/8" Hole x 84"	88	2	2	in	13.77	lbs		\$ 66.20
RR100-96	Margo Grout Plug for 1-1/8" Hole x 96"	100	2	2	in	15.51	lbs		\$ 74.95
RR100-108	Margo Grout Plug for 1-1/8" Hole x 108"	112	2	2	in	17.25	lbs		\$ 79.66
RR100-120	Margo Grout Plug for 1-1/8" Hole x 120"	126	2	2	in	18.99	lbs		\$ 84.35

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded

(See Description and Limitations at beginning and end of section**)**

RR112 SERIES MARGO GROUT PLUG/PACKER for 1-1/4 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR112-18	Margo Grout Plug for 1-1/4" Hole x 18"	20	2	2	in	3.37	lbs		\$ 50.70
RR112-24	Margo Grout Plug for 1-1/4" Hole x 24"	26	2	2	in	5.11	lbs		\$ 52.18
RR112-36	Margo Grout Plug for 1-1/4" Hole x 36"	38	2	2	in	6.85	lbs		\$ 56.73
RR112-48	Margo Grout Plug for 1-1/4" Hole x 48"	50	2	2	in	8.59	lbs		\$ 61.42
RR112-60	Margo Grout Plug for 1-1/4" Hole x 60"	64	2	2	in	10.33	lbs		\$ 66.13
RR112-72	Margo Grout Plug for 1-1/4" Hole x 72"	76	2	2	in	12.07	lbs		\$ 70.82
RR112-84	Margo Grout Plug for 1-1/4" Hole x 84"	88	2	2	in	13.81	lbs		\$ 75.53
RR112-96	Margo Grout Plug for 1-1/4" Hole x 96"	100	2	2	in	15.55	lbs		\$ 80.22
RR112-108	Margo Grout Plug for 1-1/4" Hole x 108"	112	2	2	in	17.29	lbs		\$ 84.91
RR112-120	Margo Grout Plug for 1-1/4" Hole x 120"	126	2	2	in	19.03	lbs		\$ 89.62

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded

Retail Price List Feb. 2010 (CAD\$ )

(See Description and Limitations at beginning and end of section**)**
RR125 SERIES MARGO GROUT PLUG/PACKER for 1-3/8 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR125-18	Margo Grout Plug for 1-3/8" Hole x 18"	20	2	2	in	3.48	lbs		\$ 51.50
RR125-24	Margo Grout Plug for 1-3/8" Hole x 24"	26	2	2	in	5.22	lbs		\$ 52.98
RR125-36	Margo Grout Plug for 1-3/8" Hole x 36"	38	2	2	in	6.96	lbs		\$ 55.96
RR125-48	Margo Grout Plug for 1-3/8" Hole x 48"	50	2	2	in	8.7	lbs		\$ 59.36
RR125-60	Margo Grout Plug for 1-3/8" Hole x 60"	64	2	2	in	10.44	lbs		\$ 64.05
RR125-72	Margo Grout Plug for 1-3/8" Hole x 72"	76	2	2	in	12.18	lbs		\$ 68.76
RR125-84	Margo Grout Plug for 1-3/8" Hole x 84"	88	2	2	in	13.92	lbs		\$ 73.45
RR125-96	Margo Grout Plug for 1-3/8" Hole x 96"	100	2	2	in	15.66	lbs		\$ 78.15
RR125-108	Margo Grout Plug for 1-3/8" Hole x 108"	112	2	2	in	17.4	lbs		\$ 82.85
RR125-120	Margo Grout Plug for 1-3/8" Hole x 120"	126	2	2	in	19.14	lbs		\$ 87.55

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded

Retail Price List Feb. 2010 (CAD\$ )

(See Description and Limitations at beginning and end of section**)**
RR137 SERIES MARGO GROUT PLUG/PACKER for 1- 1/2 inch Hole




VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR137-13	Margo Grout Plug for 1-1/2" EX Hole x 13	14	2	2	in	1.6	lbs		\$ 52.70
RR137-15	Margo Grout Plug for 1-1/2" EX Hole x 15	16	2	2	in	3.5	lbs		\$ 52.70
RR137-18	Margo Grout Plug for 1-1/2" EX Hole x 18"	20	2	2	in	3.92	lbs		\$ 52.70
RR137-24	Margo Grout Plug for 1-1/2" EX Hole x 24"	26	2	2	in	5.66	lbs		\$ 54.18
RR137-36	Margo Grout Plug for 1-1/2" EX Hole x 36"	38	2	2	in	7.4	lbs		\$ 57.16
RR137-48	Margo Grout Plug for 1-1/2" EX Hole x 48"	50	2	2	in	9.14	lbs		\$ 60.12
RR137-60	Margo Grout Plug for 1-1/2" EX Hole x 60	64	2	2	in	10.88	lbs		\$ 64.57
RR137-72	Margo Grout Plug for 1-1/2" EX Hole x 72"	76	2	2	in	12.62	lbs		\$ 69.28
RR137-84	Margo Grout Plug for 1-1/2" EX Hole x 84"	88	2	2	in	14.36	lbs		\$ 73.97
RR137-96	Margo Grout Plug for 1-1/2" EX Hole x 96"	100	2	2	in	16.1	lbs		\$ 78.67
RR137-108	Margo Grout Plug for 1-1/2" EX Hole x 108"	112	2	2	in	17.84	lbs		\$ 83.37
RR137-120	Margo Grout Plug for 1-1/2" EX Hole x 120"	126	2	2	in	19.58	lbs		\$ 88.06

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded

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(See Description and Limitations at beginning and end of section**)**
RR150 SERIES MARGO GROUT PLUG/PACKER for 1- 5/8 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR150-18	Margo Grout Plug for 1-5/8" Hole x 18"	20	2	2	in	4.2	lbs		\$ 53.90
RR150-24	Margo Grout Plug for 1-5/8" Hole x 24"	26	2	2	in	5.94	lbs		\$ 55.38
RR150-36	Margo Grout Plug for 1-5/8" Hole x 36"	38	2	2	in	7.68	lbs		\$ 59.00
RR150-48	Margo Grout Plug for 1-5/8" Hole x 48"	50	2	2	in	9.42	lbs		\$ 63.70
RR150-60	Margo Grout Plug for 1-5/8" Hole x 60"	64	2	2	in	11.16	lbs		\$ 68.40
RR150-72	Margo Grout Plug for 1-5/8" Hole x 72"	76	2	2	in	12.9	lbs		\$ 73.09
RR150-84	Margo Grout Plug for 1-5/8" Hole x 84"	88	2	2	in	14.64	lbs		\$ 77.79
RR150-96	Margo Grout Plug for 1-5/8" Hole x 96"	100	2	2	in	16.38	lbs		\$ 82.49
RR150-108	Margo Grout Plug for 1-5/8" Hole x 108"	112	2	2	in	18.12	lbs		\$ 87.19
RR150-120	Margo Grout Plug for 1-5/8" Hole x 120"	126	2	2	in	19.86	lbs		\$ 91.88

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
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(See Description and Limitations at beginning and end of section**)**
RR162 SERIES MARGO GROUT PLUG/PACKER 1- 3/4 for inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR162-18	Margo Grout Plug for 1-3/4" Hole x 18"	20	2	2	in	4.47	lbs		\$ 54.70
RR162-24	Margo Grout Plug for 1-3/4" Hole x 24"	26	2	2	in	6.21	lbs		\$ 56.67
RR162-36	Margo Grout Plug for 1-3/4" Hole x 36"	38	2	2	in	7.95	lbs		\$ 61.37
RR162-48	Margo Grout Plug for 1-3/4" Hole x 48"	50	2	2	in	9.69	lbs		\$ 66.06
RR162-60	Margo Grout Plug for 1-3/4" Hole x 60"	64	2	2	in	11.43	lbs		\$ 70.77
RR162-72	Margo Grout Plug for 1-3/4" Hole x 72"	76	2	2	in	13.17	lbs		\$ 75.46
RR162-84	Margo Grout Plug for 1-3/4" Hole x 84"	88	2	2	in	14.91	lbs		\$ 80.15
RR162-96	Margo Grout Plug for 1-3/4" Hole x 96"	100	2	2	in	16.65	lbs		\$ 84.86
RR162-108	Margo Grout Plug for 1-3/4" Hole x 108"	112	2	2	in	18.39	lbs		\$ 89.55
RR162-120	Margo Grout Plug for 1-3/4" Hole x 120"	126	2	2	in	20.13	lbs		\$ 94.26

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
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(See Description and Limitations at beginning and end of section**)**
RR175 SERIES MARGO GROUT PLUG/PACKER for 1- 7/8 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR175-18	Margo Grout Plug for 1-7/8" AQ Hole x 18"	20	2	2	in	4.69	lbs		\$ 56.59
RR175-24	Margo Grout Plug for 1-7/8" AQ Hole x 24"	26	2	2	in	6.43	lbs		\$ 58.95
RR175-36	Margo Grout Plug for 1-7/8" AQ Hole x 36"	38	2	2	in	8.17	lbs		\$ 63.64
RR175-48	Margo Grout Plug for 1-7/8" AQ Hole x 48"	50	2	2	in	9.91	lbs		\$ 68.33
RR175-60	Margo Grout Plug for 1-7/8" AQ Hole x 60"	64	2	2	in	11.65	lbs		\$ 73.04
RR175-72	Margo Grout Plug for 1-7/8" AQ Hole x 72"	76	2	2	in	13.39	lbs		\$ 77.73
RR175-84	Margo Grout Plug for 1-7/8" AQ Hole x 84"	88	2	2	in	15.13	lbs		\$ 82.43
RR175-96	Margo Grout Plug for 1-7/8" AQ Hole x 96"	100	2	2	in	16.87	lbs		\$ 87.12
RR175-108	Margo Grout Plug for 1-7/8" AQ Hole x 108"	112	2	2	in	18.61	lbs		\$ 91.82
RR175-120	Margo Grout Plug for 1-7/8" AQ Hole x 120"	126	2	2	in	20.35	lbs		\$ 96.52

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
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(See Description and Limitations at beginning and end of section **)**
RR187 SERIES MARGO GROUT PLUG/PACKER for 2 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR187-18	Margo Grout Plug for 2" Hole x 18"	20	2	2	in	4.91	lbs		\$ 61.81
RR187-24	Margo Grout Plug for 2" Hole x 24"	26	2	2	in	6.65	lbs		\$ 64.17
RR187-36	Margo Grout Plug for 2" Hole x 36"	38	2	2	in	8.39	lbs		\$ 68.86
RR187-48	Margo Grout Plug for 2" Hole x 48"	50	2	2	in	10.13	lbs		\$ 73.57
RR187-60	Margo Grout Plug for 2" Hole x 60"	64	2	2	in	11.87	lbs		\$ 78.26
RR187-72	Margo Grout Plug for 2" Hole x 72"	76	2	2	in	13.61	lbs		\$ 82.95
RR187-84	Margo Grout Plug for 2" Hole x 84"	88	2	2	in	15.35	lbs		\$ 87.66
RR187-96	Margo Grout Plug for 2" Hole x 96"	100	2	2	in	17.09	lbs		\$ 92.35
RR187-108	Margo Grout Plug for 2" Hole x 108"	112	2	2	in	18.83	lbs		\$ 97.06
RR187-120	Margo Grout Plug for 2" Hole x 120"	126	2	2	in	20.57	lbs		\$ 101.75

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
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(See Description and Limitations at beginning and end of section**)**
RR200 SERIES MARGO GROUT PLUG/PACKER for 2-1/8 inch Hole



VOLUME DISCOUNTS	
Purchase Order Value	
\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR200-18	Margo Grout Plug for 2-1/8" Hole x 18"	20	2.5	2.5	in	8.36	lbs		\$ 71.24
RR200-24	Margo Grout Plug for 2-1/8" Hole x 24"	26	2.5	2.5	in	11.41	lbs		\$ 74.37
RR200-36	Margo Grout Plug for 2-1/8" Hole x 36"	38	2.5	2.5	in	14.45	lbs		\$ 80.65
RR200-48	Margo Grout Plug for 2-1/8" Hole x 48"	50	2.5	2.5	in	17.5	lbs		\$ 86.91
RR200-60	Margo Grout Plug for 2-1/8" Hole x 60"	64	2.5	2.5	in	20.54	lbs		\$ 93.19
RR200-72	Margo Grout Plug for 2-1/8" Hole x 72"	76	2.5	2.5	in	23.59	lbs		\$ 99.46
RR200-84	Margo Grout Plug for 2-1/8" Hole x 84"	88	2.5	2.5	in	26.63	lbs		\$ 105.73
RR200-96	Margo Grout Plug for 2-1/8" Hole x 96"	100	2.5	2.5	in	29.68	lbs		\$ 112.00
RR200-108	Margo Grout Plug for 2-1/8" Hole x 108"	112	2.5	2.5	in	32.72	lbs		\$ 118.28
RR200-120	Margo Grout Plug for 2-1/8" Hole x 120"	126	2.5	2.5	in	35.77	lbs		\$ 124.54

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
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Retail Price List Feb. 2010 (CAD\$ )

(See Description and Limitations at beginning and end of section**)**
RR212 SERIES MARGO GROUT PLUG/PACKER for 2-1/4 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR212-18	Margo Grout Plug for 2-1/4" Hole x 18"	20	2.5	2.5	in	8.59	lbs		\$ 66.84
RR212-24	Margo Grout Plug for 2-1/4" Hole x 24"	26	2.5	2.5	in	11.64	lbs		\$ 68.90
RR212-36	Margo Grout Plug for 2-1/4" Hole x 36"	38	2.5	2.5	in	14.68	lbs		\$ 75.18
RR212-48	Margo Grout Plug for 2-1/4" Hole x 48"	50	2.5	2.5	in	17.73	lbs		\$ 81.45
RR212-60	Margo Grout Plug for 2-1/4" Hole x 60"	64	2.5	2.5	in	20.77	lbs		\$ 87.72
RR212-72	Margo Grout Plug for 2-1/4" Hole x 72"	76	2.5	2.5	in	23.82	lbs		\$ 93.99
RR212-84	Margo Grout Plug for 2-1/4" Hole x 84"	88	2.5	2.5	in	26.86	lbs		\$ 100.27
RR212-96	Margo Grout Plug for 2-1/4" Hole x 96"	100	2.5	2.5	in	29.91	lbs		\$ 106.53
RR212-108	Margo Grout Plug for 2-1/4" Hole x 108"	112	2.5	2.5	in	32.95	lbs		\$ 112.81
RR212-120	Margo Grout Plug for 2-1/4" Hole x 120"	126	2.5	2.5	in	36	lbs		\$ 119.08
RR212-240	Margo Grout Plug for 2-1/4" Hole x 240"	240	2.5	2.5	in	66.5	lbs		\$ 181.78

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars  ***** FOB – Our Shop Barrie, Ontario Canada Page 15 of

(See Description and Limitations at beginning and end of section**)**
RR225 SERIES MARGO GROUT PLUG/PACKER for 2-3/8 inch Hole



VOLUME DISCOUNTS	
Purchase Order Value	
\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR225-18	Margo Grout Plug for 2-3/8" Hole x 18"	20	2.5	2.5	in	8.92	lbs		\$ 68.89
RR225-24	Margo Grout Plug for 2-3/8" Hole x 24"	26	2.5	2.5	in	11.97	lbs		\$ 72.02
RR225-36	Margo Grout Plug for 2-3/8" Hole x 36"	38	2.5	2.5	in	15.01	lbs		\$ 78.30
RR225-48	Margo Grout Plug for 2-3/8" Hole x 48"	50	2.5	2.5	in	18.06	lbs		\$ 84.57
RR225-60	Margo Grout Plug for 2-3/8" Hole x 60"	64	2.5	2.5	in	21.1	lbs		\$ 90.84
RR225-72	Margo Grout Plug for 2-3/8" Hole x 72"	76	2.5	2.5	in	24.15	lbs		\$ 97.11
RR225-84	Margo Grout Plug for 2-3/8" Hole x 84"	88	2.5	2.5	in	27.19	lbs		\$ 103.39
RR225-96	Margo Grout Plug for 2-3/8" Hole x 96"	100	2.5	2.5	in	30.24	lbs		\$ 109.67
RR225-108	Margo Grout Plug for 2-3/8" Hole x 108"	112	2.5	2.5	in	33.28	lbs		\$ 115.93
RR225-120	Margo Grout Plug for 2-3/8" Hole x 120"	126	2.5	2.5	in	36.33	lbs		\$ 122.21

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars ***** FOB – Our Shop Barrie, Ontario Canada Page 16 of

Retail Price List Feb. 2010 (CAD\$ )

(See Description and Limitations at beginning and end of section**)**
RR237 SERIES MARGO GROUT PLUG/PACKER for 2- 1/2 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR237-18	Margo Grout Plug for 2-1/2" Hole x 18"	20	2.5	2.5	in	9.12	lbs		\$ 71.30
RR237-24	Margo Grout Plug for 2-1/2" Hole x 24"	26	2.5	2.5	in	12.17	lbs		\$ 74.45
RR237-36	Margo Grout Plug for 2-1/2" Hole x 36"	38	2.5	2.5	in	15.21	lbs		\$ 80.71
RR237-48	Margo Grout Plug for 2-1/2" Hole x 48"	50	2.5	2.5	in	18.26	lbs		\$ 86.99
RR237-60	Margo Grout Plug for 2-1/2" Hole x 60"	64	2.5	2.5	in	21.3	lbs		\$ 93.26
RR237-72	Margo Grout Plug for 2-1/2" Hole x 72"	76	2.5	2.5	in	24.35	lbs		\$ 99.54
RR237-84	Margo Grout Plug for 2-1/2" Hole x 84"	88	2.5	2.5	in	27.39	lbs		\$ 105.80
RR237-96	Margo Grout Plug for 2-1/2" Hole x 96"	100	2.5	2.5	in	30.44	lbs		\$ 112.08
RR237-108	Margo Grout Plug for 2-1/2" Hole x 108"	112	2.5	2.5	in	33.48	lbs		\$ 118.34
RR237-120	Margo Grout Plug for 2-1/2" Hole x 120"	126	2.5	2.5	in	36.53	lbs		\$ 124.62

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars  ***** FOB – Our Shop Barrie, Ontario Canada Page 17 of

Retail Price List Feb. 2010 (CAD\$ )


(See Description and Limitations at beginning and end of section**)**
RR262 SERIES MARGO GROUT PLUG/PACKER for 2- 3/4 inch Hole



VOLUME DISCOUNTS	
Purchase Order Value	
\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR262-18	Margo Grout Plug for 2-3/4" Hole x 18"	20	2.5	2.5	in	9.47	lbs		\$ 83.49
RR262-24	Margo Grout Plug for 2-3/4" Hole x 24"	26	2.5	2.5	in	12.52	lbs		\$ 86.62
RR262-36	Margo Grout Plug for 2-3/4" Hole x 36"	38	2.5	2.5	in	15.56	lbs		\$ 92.90
RR262-48	Margo Grout Plug for 2-3/4" Hole x 48"	50	2.5	2.5	in	18.61	lbs		\$ 99.18
RR262-60	Margo Grout Plug for 2-3/4" Hole x 60"	64	2.5	2.5	in	21.65	lbs		\$ 105.44
RR262-72	Margo Grout Plug for 2-3/4" Hole x 72"	76	2.5	2.5	in	24.7	lbs		\$ 111.72
RR262-84	Margo Grout Plug for 2-3/4" Hole x 84"	88	2.5	2.5	in	27.74	lbs		\$ 117.98
RR262-96	Margo Grout Plug for 2-3/4" Hole x 96"	100	2.5	2.5	in	30.79	lbs		\$ 124.26
RR262-108	Margo Grout Plug for 2-3/4" Hole x 108"	112	2.5	2.5	in	33.83	lbs		\$ 130.53
RR262-120	Margo Grout Plug for 2-3/4" Hole x 120"	126	2.5	2.5	in	36.88	lbs		\$ 136.81

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars ***** FOB – Our Shop Barrie, Ontario Canada Page 18 of

Retail Price List Feb. 2010 (CAD\$ )

(See Description and Limitations at beginning and end of section**)**
RR287 SERIES MARGO GROUT PLUG/PACKER for 3 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit	Retail Price
RR287-18	Margo Grout Plug for 3" NQ Hole x 18"	20	3	3	in	11.12	lbs	\$ 97.44
RR287-24	Margo Grout Plug for 3" NQ Hole x 24"	26	3	3	in	14.17	lbs	\$ 100.59
RR287-36	Margo Grout Plug for 3" NQ Hole x 36"	38	3	3	in	17.21	lbs	\$ 106.85
RR287-48	Margo Grout Plug for 3" NQ Hole x 48"	50	3	3	in	20.26	lbs	\$ 113.13
RR287-60	Margo Grout Plug for 3" NQ Hole x 60"	64	3	3	in	23.3	lbs	\$ 119.40
RR287-72	Margo Grout Plug for 3" NQ Hole x 72"	76	3	3	in	26.35	lbs	\$ 125.68
RR287-84	Margo Grout Plug for 3" NQ Hole x 84"	88	3	3	in	29.39	lbs	\$ 131.94
RR287-96	Margo Grout Plug for 3" NQ Hole x 96"	100	3	3	in	32.44	lbs	\$ 138.22
RR287-108	Margo Grout Plug for 3" NQ Hole x 108"	112	3	3	in	35.48	lbs	\$ 144.48
RR287-120	Margo Grout Plug for 3" NQ Hole x 120"	126	3	3	in	38.53	lbs	\$ 150.76
RR287-132	Margo Grout Plug for 3" NQ Hole x 132"	134	3	3	in	40	lbs	\$ 160.00
RR287-144	Margo Grout Plug for 3" NQ Hole x 144"	146	3	3	in	42	lbs	\$ 170.00

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars ***** FOB – Our Shop Barrie, Ontario Canada Page 19 of

(See Description and Limitations at beginning and end of section**)**
RR312 SERIES MARGO GROUT PLUG/PACKER for 3 – 1/4 inch Hole



VOLUME DISCOUNTS	
Purchase Order Value	
\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR312-18	Margo Grout Plug for 3-1/4" Hole x 18"	20	3.5	3.5	in	13.64	lbs		\$ 132.11
RR312-24	Margo Grout Plug for 3-1/4" Hole x 24"	26	3.5	3.5	in	18.32	lbs		\$ 141.84
RR312-36	Margo Grout Plug for 3-1/4" Hole x 36"	38	3.5	3.5	in	23	lbs		\$ 162.92
RR312-48	Margo Grout Plug for 3-1/4" Hole x 48"	50	3.5	3.5	in	27.68	lbs		\$ 184.03
RR312-60	Margo Grout Plug for 3-1/4" Hole x 60"	64	3.5	3.5	in	32.36	lbs		\$ 205.15
RR312-72	Margo Grout Plug for 3-1/4" Hole x 72"	76	3.5	3.5	in	37.04	lbs		\$ 226.26
RR312-84	Margo Grout Plug for 3-1/4" Hole x 84"	88	3.5	3.5	in	41.72	lbs		\$ 247.38
RR312-96	Margo Grout Plug for 3-1/4" Hole x 96"	100	3.5	3.5	in	46.41	lbs		\$ 268.49
RR312-108	Margo Grout Plug for 3-1/4" Hole x 108"	112	3.5	3.5	in	51.09	lbs		\$ 289.61
RR312-120	Margo Grout Plug for 3-1/4" Hole x 120"	126	3.5	3.5	in	55.77	lbs		\$ 310.72

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars  ***** FOB – Our Shop Barrie, Ontario Canada Page 20 of

(See Description and Limitations at beginning and end of section**)**

RR337 SERIES MARGO GROUT PLUG/PACKER for 3- 1/2 inch Hole



VOLUME DISCOUNTS	
Purchase Order Value	
\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit	Wholesale Price	Retail Price
RR337-18	Margo Grout Plug for 3-1/2" Hole x 18"	20	3.5	3.5	in	13.64	lbs		\$ 167.34
RR337-24	Margo Grout Plug for 3-1/2" Hole x 24"	26	3.5	3.5	in	18.32	lbs		\$ 177.22
RR337-36	Margo Grout Plug for 3-1/2" Hole x 36"	38	3.5	3.5	in	23	lbs		\$ 196.99
RR337-48	Margo Grout Plug for 3-1/2" Hole x 48"	50	3.5	3.5	in	27.68	lbs		\$ 216.75
RR337-60	Margo Grout Plug for 3-1/2" Hole x 60"	64	3.5	3.5	in	32.36	lbs		\$ 236.52
RR337-72	Margo Grout Plug for 3-1/2" Hole x 72"	76	3.5	3.5	in	37.04	lbs		\$ 256.28
RR337-84	Margo Grout Plug for 3-1/2" Hole x 84"	88	3.5	3.5	in	41.72	lbs		\$ 276.05
RR337-96	Margo Grout Plug for 3-1/2" Hole x 96"	100	3.5	3.5	in	46.41	lbs		\$ 295.81
RR337-108	Margo Grout Plug for 3-1/2" Hole x 108"	112	3.5	3.5	in	51.09	lbs		\$ 315.58
RR337-120	Margo Grout Plug for 3-1/2" Hole x 120"	126	3.5	3.5	in	55.77	lbs		\$ 335.34

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars  ***** FOB – Our Shop Barrie, Ontario Canada Page 21 of

(See Description and Limitations at beginning and end of section**)**

RR362 SERIES MARGO GROUT PLUG/PACKER for 3- 3/4 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR362-18	Margo Grout Plug for 3-3/4"Hole x 18"	20	3.5	3.5	in	13.64	lbs		\$ 175.50
RR362-24	Margo Grout Plug for 3-3/4"Hole x 24"	26	4	4	in	18.32	lbs		\$ 185.38
RR362-36	Margo Grout Plug for 3-3/4"Hole x 36"	38	4	4	in	23	lbs		\$ 205.15
RR362-48	Margo Grout Plug for 3-3/4"Hole x 48"	50	4	4	in	27.68	lbs		\$ 224.91
RR362-60	Margo Grout Plug for 3-3/4"Hole x 60"	64	4	4	in	32.36	lbs		\$ 244.67
RR362-72	Margo Grout Plug for 3-3/4"Hole x 72"	76	4	4	in	37.04	lbs		\$ 264.44
RR362-84	Margo Grout Plug for 3-3/4"Hole x 84"	88	4	4	in	41.72	lbs		\$ 284.20
RR362-96	Margo Grout Plug for 3-3/4"Hole x 96"	100	4	4	in	46.41	lbs		\$ 303.97
RR362-108	Margo Grout Plug for 3-3/4"Hole x 108"	112	4	4	in	51.09	lbs		\$ 323.73
RR362-120	Margo Grout Plug for 3-3/4"Hole x 120"	126	4	4	in	55.77	lbs		\$ 343.50

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars  ***** FOB – Our Shop Barrie, Ontario Canada Page 22 of

(See Description and Limitations at beginning and end of section**)**
RR387 SERIES MARGO GROUT PLUG/PACKER for 4 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit	Retail Price
RR387-18	Margo Grout Plug for 4"Hole x 18"	20	4	4	in	16.72	lbs	\$ 186.16
RR387-24	Margo Grout Plug for 4"Hole x 24"	26	4	4	in	21.4	lbs	\$ 196.05
RR387-36	Margo Grout Plug for 4"Hole x 36"	38	4	4	in	26.08	lbs	\$ 215.81
RR387-48	Margo Grout Plug for 4"Hole x 48"	50	4	4	in	30.76	lbs	\$ 235.58
RR387-60	Margo Grout Plug for 4"Hole x 60"	64	4	4	in	35.44	lbs	\$ 255.34
RR387-72	Margo Grout Plug for 4"Hole x 72"	76	4	4	in	40.13	lbs	\$ 275.11
RR387-84	Margo Grout Plug for 4"Hole x 84"	88	4	4	in	44.81	lbs	\$ 294.87
RR387-96	Margo Grout Plug for 4"Hole x 96"	100	4	4	in	49.49	lbs	\$ 314.64
RR387-108	Margo Grout Plug for 4"Hole x 108"	112	4	4	in	54.17	lbs	\$ 334.40
RR387-120	Margo Grout Plug for 4"Hole x 120"	126	4	4	in	58.85	lbs	\$ 354.16

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
**** All Prices Quoted in Canadian Dollars  **** FOB – Our Shop Barrie, Ontario Canada Page 23 of

Retail Price List Feb. 2010 (CAD\$ )

(See Description and Limitations at beginning and end of section **)**
RR412 SERIES MARGO GROUT PLUG/PACKER for 4 – 1/4 inch Hole



VOLUME DISCOUNTS	
Purchase Order Value	
\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR412-18	Margo Grout Plug for 4-1/4" Hole x 18"	20	4.5	4.5	in	16.72	lbs		\$ 200.60
RR412-24	Margo Grout Plug for 4-1/4" Hole x 24"	26	4.5	4.5	in	21.4	lbs		\$ 210.48
RR412-36	Margo Grout Plug for 4-1/4" Hole x 36"	38	4.5	4.5	in	26.08	lbs		\$ 230.24
RR412-48	Margo Grout Plug for 4-1/4" Hole x 48"	50	4.5	4.5	in	30.76	lbs		\$ 250.01
RR412-60	Margo Grout Plug for 4-1/4" Hole x 60"	64	4.5	4.5	in	35.44	lbs		\$ 269.77
RR412-72	Margo Grout Plug for 4-1/4" Hole x 72"	76	4.5	4.5	in	40.13	lbs		\$ 289.54
RR412-84	Margo Grout Plug for 4-1/4" Hole x 84"	88	4.5	4.5	in	44.81	lbs		\$ 309.30
RR412-96	Margo Grout Plug for 4-1/4" Hole x 96"	100	4.5	4.5	in	49.49	lbs		\$ 329.07
RR412-108	Margo Grout Plug for 4-1/4" Hole x 108"	112	4.5	4.5	in	54.17	lbs		\$ 348.83
RR412-120	Margo Grout Plug for 4-1/4" Hole x 120"	126	4.5	4.5	in	58.85	lbs		\$ 368.60

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars  ***** FOB – Our Shop Barrie, Ontario Canada Page 24 of

Retail Price List Feb. 2010 (CAD\$ )

(See Description and Limitations at beginning and end of section**)**
RR437 SERIES MARGO GROUT PLUG/PACKER for 4 – 1/2 inch Hole



VOLUME DISCOUNTS	
Purchase Order Value	
\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR437-18	Margo Grout Plug for 4-1/2"Hole x 18"	20	4.5	4.5	in	18.93	lbs		\$ 218.16
RR437-24	Margo Grout Plug for 4-1/2"Hole x 24"	26	4.5	4.5	in	23.61	lbs		\$ 228.05
RR437-36	Margo Grout Plug for 4-1/2"Hole x 36"	38	4.5	4.5	in	28.29	lbs		\$ 247.81
RR437-48	Margo Grout Plug for 4-1/2"Hole x 48"	50	4.5	4.5	in	32.97	lbs		\$ 267.58
RR437-60	Margo Grout Plug for 4-1/2"Hole x 60"	64	4.5	4.5	in	37.65	lbs		\$ 287.34
RR437-72	Margo Grout Plug for 4-1/2"Hole x 72"	76	4.5	4.5	in	42.34	lbs		\$ 307.11
RR437-84	Margo Grout Plug for 4-1/2"Hole x 84"	88	4.5	4.5	in	47.02	lbs		\$ 326.87
RR437-96	Margo Grout Plug for 4-1/2"Hole x 96"	100	4.5	4.5	in	51.7	lbs		\$ 346.64
RR437-108	Margo Grout Plug for 4-1/2"Hole x 108"	112	4.5	4.5	in	56.38	lbs		\$ 366.40
RR437-120	Margo Grout Plug for 4-1/2"Hole x 120"	126	4.5	4.5	in	61.06	lbs		\$ 386.16

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars  ***** FOB – Our Shop Barrie, Ontario Canada Page 25 of

(See Description and Limitations at beginning and end of section**)**
RR462 SERIES MARGO GROUT PLUG/PACKER for 4 – 3/4 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR462-18	Margo Grout Plug for 4-3/4"Hole x 18"	20	5	5	in	19.81	lbs		\$ 247.65
RR462-24	Margo Grout Plug for 4-3/4"Hole x 24"	26	5	5	in	24.49	lbs		\$ 257.54
RR462-36	Margo Grout Plug for 4-3/4"Hole x 36"	38	5	5	in	29.17	lbs		\$ 277.30
RR462-48	Margo Grout Plug for 4-3/4"Hole x 48"	50	5	5	in	33.86	lbs		\$ 297.07
RR462-60	Margo Grout Plug for 4-3/4"Hole x 60"	64	5	5	in	38.54	lbs		\$ 316.83
RR462-72	Margo Grout Plug for 4-3/4"Hole x 72"	76	5	5	in	43.22	lbs		\$ 336.60
RR462-84	Margo Grout Plug for 4-3/4"Hole x 84"	88	5	5	in	47.9	lbs		\$ 356.36
RR462-96	Margo Grout Plug for 4-3/4"Hole x 96"	100	5	5	in	52.58	lbs		\$ 376.13
RR462-108	Margo Grout Plug for 4-3/4"Hole x 108"	112	5	5	in	57.26	lbs		\$ 395.89
RR462-120	Margo Grout Plug for 4-3/4"Hole x 120"	126	5	5	in	61.94	lbs		\$ 415.65

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars  ***** FOB – Our Shop Barrie, Ontario Canada Page 26 of

(*) See Description and Limitations at beginning and end of section***)**
RR475 SERIES MARGO GROUT PLUG/PACKER for 4 – 7/8 inch Hole



VOLUME DISCOUNTS	
Purchase Order Value	
\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR475-18	Margo Grout Plug for 4-7/8"Hole x 18"	20	5	5	in	20.69	lbs		\$ 262.56
RR475-24	Margo Grout Plug for 4-7/8"Hole x 24"	26	5	5	in	25.37	lbs		\$ 272.44
RR475-36	Margo Grout Plug for 4-7/8"Hole x 36"	38	5	5	in	30.05	lbs		\$ 292.20
RR475-48	Margo Grout Plug for 4-7/8"Hole x 48"	50	5	5	in	34.74	lbs		\$ 311.97
RR475-60	Margo Grout Plug for 4-7/8"Hole x 60"	64	5	5	in	39.42	lbs		\$ 331.73
RR475-72	Margo Grout Plug for 4-7/8"Hole x 72"	76	5	5	in	44.1	lbs		\$ 351.49
RR475-84	Margo Grout Plug for 4-7/8"Hole x 84"	88	5	5	in	48.78	lbs		\$ 371.27
RR475-96	Margo Grout Plug for 4-7/8"Hole x 96"	100	5	5	in	53.46	lbs		\$ 391.03
RR475-108	Margo Grout Plug for 4-7/8"Hole x 108"	112	5	5	in	58.14	lbs		\$ 410.79
RR475-120	Margo Grout Plug for 4-7/8"Hole x 120"	126	5	5	in	62.82	lbs		\$ 430.56

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars  ***** FOB – Our Shop Barrie, Ontario Canada Page 27 of

(See Description and Limitations at beginning and end of section**)**
RR487 SERIES MARGO GROUT PLUG/PACKER for 5 inch Hole




VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR487-18	Margo Grout Plug for 5"Hole x 18"	20	5	5	in	21.79	lbs		\$ 277.46
RR487-24	Margo Grout Plug for 5"Hole x 24"	26	5	5	in	26.47	lbs		\$ 287.34
RR487-36	Margo Grout Plug for 5"Hole x 36"	38	5	5	in	31.15	lbs		\$ 307.11
RR487-48	Margo Grout Plug for 5"Hole x 48"	50	5	5	in	35.84	lbs		\$ 326.87
RR487-60	Margo Grout Plug for 5"Hole x 60"	64	5	5	in	40.52	lbs		\$ 346.64
RR487-72	Margo Grout Plug for 5"Hole x 72"	76	5	5	in	45.2	lbs		\$ 366.40
RR487-84	Margo Grout Plug for 5"Hole x 84"	88	5	5	in	49.88	lbs		\$ 386.16
RR487-96	Margo Grout Plug for 5"Hole x 96"	100	5	5	in	54.56	lbs		\$ 405.93
RR487-108	Margo Grout Plug for 5"Hole x 108"	112	5	5	in	59.24	lbs		\$ 425.69
RR487-120	Margo Grout Plug for 5"Hole x 120"	126	5	5	in	63.92	lbs		\$ 445.46

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
***** All Prices Quoted in Canadian Dollars ***** FOB – Our Shop Barrie, Ontario Canada Page 28 of

Retail Price List Feb. 2010 (CAD\$ )

(See Description and Limitations at beginning and end of section**)**
RR6 SERIES MARGO GROUT PLUG/PACKER for 6 inch Hole



VOLUME DISCOUNTS

Purchase Order Value

\$500-\$1,000	5% off
\$1001-\$1500	10% off
\$1501-\$50,000	15% off
\$50,001-\$100,000	18% off
\$100,000+	20% off

Model	Product Name	Length	Width	Height	Unit	Weight	Unit		Retail Price
RR6-24	Margo Grout Plug for 6"Hole x 24"	24	6	6	in	26.5	lbs		\$ 342.24
RR6-60	Margo Grout Plug for 6"Hole x 60"	60	6	6	in	50.27	lbs		\$ 401.54
RR6-72	Margo Grout Plug for 6"Hole x 72"	76	6	6	in	50.27	lbs		\$ 421.30

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded
**** All Prices Quoted in Canadian Dollars  **** FOB – Our Shop Barrie, Ontario Canada Page 29 of

(* See Description and Limitations at beginning and end of section***)**

The Margo Grout Plug or Packer

Model Number Denotes Plug Length

(example: RRXXX-48 is a 48 inch long plug)

Description: Used to control water in drill holes and/or injecting cementitious or chemical grouting compounds in high volumes. The hollow center pipe is securely anchored in the drill hole by the four precision made expanding polyurethane rubber sleeves and specially machined washers.

River Rock Industries produces a unique grout plug!

- Our Margo style grout plugs come without welding of the outlet end washers. We use a pipe flaring procedure instead!
- Constructed using 100% high performance polyurethane rubber sleeves which; far superior than the standard rubber sleeves!
- We can provide a fully galvanized unit at only a 10% increase in cost over the standard packers!
These units will be ready to use when you need them, not rusted hunks of metal.

The **Margo Grout Plugs** (also called Grout Packers) are designed to be **sized 1/8" smaller than the actual drill hole diameter**. Accurate sizing results in maximum grout plug holding power. Attach your ball valve (not included) to the NPT threaded inlet pipe end. The **Margo Grout Plug** is available in all standard sizes for 1" (25.4mm) to 6" (152.4mm) drill holes including EX, AQ, BQ & NQ.


These precision made **Margo Grout Plugs** have been used extensively in mines and construction projects throughout the globe and are made in Ontario, Canada.

Packaging: Custom per order.

Available Sizes: From 1" to 6" hole sizes and 18" to 240" lengths. **Any custom size is available!**

Please call or email for custom grout plug requests.

Any Size Available – Rubber Hardness Can Be Adjusted – Galvanized or Stainless Available – Not Welded

***** All Prices Quoted in Canadian Dollars ***** FOB – Our Shop Barrie, Ontario Canada Page 30 of

(See Description and Limitations at beginning and end of section**)**

Pressure Limitations

Our plugs are similar to most other grout plugs or packers as they are sometimes called. They are anchored in the hole by expanding a flexible sleeve to create a friction fit within the hole wall. For our sleeves we use high performance polyurethane because of its toughness and high shear strength in all temperatures. These sleeves can be adjusted to any custom shore A hardness to meet individual customer needs.

By tightening the drive nut or collar at the top of the plug, this forces the outer slider onto the rubber and compresses it causing the rubber to expand against the hole wall.

Because the plugs are used in many different types of ground, ground conditions and type of bit used to cut the hole **we do not provide any pressure ratings with our plugs**. Our plugs and similar styles have been used throughout the industry and around the world for grouting applications for many years. **For high pressure applications, customers sometimes choose to drill two anchor holes, one on each side of the grouting hole, and anchor rock bolts in these holes**. Then the grout plug can be chained or cabled to the anchors as an extra precaution. For normal grouting operations the friction fit of the grout plug is usually enough.

Installation

Tighten the drive nut or collar at the top of the grout plug until it just begins to compress the rubber. The rubber should be just snug in the hole and a bit of force is required to push it into the hole to the desired depth. Be sure to leave about 18" to 24" above the collar of the hole. Now continue tightening the drive nut to between 150 – 200 ft lbs of torque or until the end of the thread is reached. Check that the plug is secure in the hole. The diameter of the rubber and washers should approx. 1/8" less than to diameter of the hole.

2 Piece Grout Plug - Available

The 2 piece plug is joined by a coupling set at the length desired. For the full 21 ft length, join the two pieces of hollow pipe with the coupling. The drive sleeve is also in two pieces and requires a washer be placed between the two butting ends. To use the short length, simply remove the second section and use the short section of hollow pipe and matching drive sleeve. This configuration is also useful in tunnels when it may be difficult or impossible to install a full length packer.