

## Robbins Envelopes



Robbins, LLC has been setting the quality-to-beat standard in rubber products since 1921. Today, Robbins is a global leader in producing quality curing tubes and envelopes in the USA using compression-molding technology (CMT).

Robbins CMT envelopes and curing tubes consistently deliver the lowest cost-per-cure in both pre-cure and mold cure retreading systems.

In your retread shop, you have to increase productivity and decrease miscures to improve your bottom line. Put the Robbins CMT advantage to the test in your shop and you will see a difference.

Robbins manufactures inside and outside envelopes and curing tubes in all size ranges. Our strong, established worldwide network of distributors makes access to the quality envelopes, curing tubes and retread accessories you need fast and easy. Plus, Robbins maintains an extensive inventory of CMT envelopes and curing tubes for quick turnaround on shipments.

### LOWER COST-PER-CURE

Durability Means Longer Life

- \* Compression Molding Technology allows our envelopes to have a uniform thickness.
- \* Robbins CMT envelopes have no splice that could result in envelope failures.
- \* Robbins CMT envelopes are designed to be thicker in strategic areas such as around the valve and in the crown.
- \* Robbins CMT envelopes have a longer life, resulting in a lower cost-per-cure.
- \* Factory pre-lubrication extends the life of the envelope.

Flexibility Means Better Fit & Better Performance

- \* Minimized envelope growth
- \* Maximized damage resistance
- \* Enhanced performance with envelope spreaders
- \* Retained pliability throughout the envelope life
- \* Superior holding pressure allows our CMT envelopes to keep a seal during the entire curing process.

Compatibility Means Robbins Can Meet All Your Envelope Needs – Inside & Out

- \* Tested & proven for all pre-cure systems and curing temperatures
- \* Robbins CMT design accommodates the use of inside envelopes.
- \* Robbins CMT envelopes create outstanding retread appearances.

### TECHNICALLY ADVANCED

Robbins continues to lead the way with technical advancements. We provide reliable and responsive technical support and industry training programs to ensure our customers have the latest information on how to maximize product and process innovations to keep them competitive.



## Robbins Envelopes Sizing Guide

	<b>Module Type</b> Seals sidewall-to-sidewall. With Valve	<b>Road Rim Type</b> Seals with removable flanges. With Valve	<b>Road Rim Type</b> Seals with extended hi-flange. With Valve	<b>Rimless System</b> Seals on the bead face. With Valve
<b>Tire Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>
195/75R14	2715-16	2715-16	2713-18	2710-21
195/75R14	2715-16	2715-16	2713-18	2710-21

7.00R15	2916-19	2913-22	2913-22	2910-25
7.50R15	3216-23	3216-23	3213-25	3211-27
8.25R15	3517-24	3515-25	3513-28	3511-30
9.00R15 lt/lb	2915-20	2913-22	2911-24	2910-25
9.00T15 tr	3515-25	3513-28	3511-30	N/A
10.00R15 lt/lb	3218-19	3216-23	3213-25	3211-27
10.00R15 tr	3816-28	3816-28	3812-32	N/A
31x15.5x15	3513-28	3511-30	N/A	N/A
215/70R15	2916-19	2713-18	2916-19	2913-22
215/75R15	2916-19	2916-19	2915-20	2910-25
225/75R15	2916-19	2915.20	2913-22	2910-25
235/75R15	2916-19	2915-20	2913-22	2910-25
255/75R15	3218-19	3216-23	3213-25	3211-27

6.00R16	2916-19	2916-19	2916-19	2913-22
6.50R16	2916-19	2916-19	2915-20	2913-22
7.00R16	3117-19	3115-21	3115-21	3111-24
7.50R16	3218-19	3216-23	3213-25	3211-27
8.25R16	3517-24	3515-25	3513-28	3511-30
9.00R16	3515-25	3513-28	3511-30	3812-32
215/75R16	2916-19	2916-19	2915-20	2910-25
215/85R16	3218-19	3218-19	3216-23	3211-27

## Robbins Envelopes Sizing Guide

	<b>Module Type</b> Seals sidewall-to-sidewall.  With Valve	<b>Road Rim Type</b> Seals with removable flanges.  With Valve	<b>Road Rim Type</b> Seals with extended hi-flange.  With Valve	<b>Rimless System</b> Seals on the bead face.  With Valve
<b>Tire Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>
225/75R16	2916-19	2916-19	2913-22	2910-25
235/85R16	3218-19	3216-23	3213-25	3211-27
245/75R16	3218-19	3216-23	3213-25	3211-27
265/75R16	3216-23	3216-23	3213-25	3211-27
7.50-17	3218-19	3216-23	3213-25	3211-27
8R17.5	3117-19	3117-19	3115-21	3111-24
9R17.5	3218-19	3517-24	3213-25	3513-28
10R17.5	3519-21	3517-24	3515-25	3511-30
11R17.5	3820-25	3818-26	3816-28	3812-32
215/75R17.5	2916-19	3218-19	2915-20	3213-25
225/75R17.5	3218-19	3218-19	3216-23	3211-27
235/75R17.5	3218-19	3216-23	3216-23	3211-27
245/70R17.5	3218-19	3216-23	3216-23	3211-27
8R19.5	3521-19	3521-19	3519-21	3515-25
9R19.5	3521-19	3519-21	3517-24	3515-28
15R19.5	4419-34	4421-32	4419-34	4413-40
16.5R19.5	4419-34	4419-34	4417-36	4814-44
18R19.5	4419-34	4415-38	4415-38	4814-44
225/70R19.5	3218-19	3218-19	3218-19	3213-25
235/70R19.5	3218-19	3218-19	3218-19	3213-25
245/65R19.5	3218-19	3218-19	3218-19	3213-25
245/70R19.5	3521-19	3521-19	3519-21	3513-28

**Robbins Envelopes Sizing Guide**

	<b>Module Type</b> Seals sidewall-to-sidewall.  With Valve	<b>Road Rim Type</b> Seals with removable flanges.  With Valve	<b>Road Rim Type</b> Seals with extended hi-flange.  With Valve	<b>Rimless System</b> Seals on the bead face.  With Valve
<b>Tire Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>
<b>265/70R19.5</b>	3521-19	3519-21	3517-24	3513-28
<b>285/70R19.5</b>	3519-21	3517-24	3515-25	3511-30
<b>305/70R19.5</b>	3822-23	3818-26	3818-26	3812-32
<b>445/65R19.5</b>	4419-34	4415-38	4415-38	4513-44

<b>6.50R20</b>	3521-19	3521-19	3521-19	3515-25
<b>7.00R20</b>	3521-19	3521-19	3519-21	3515-25
<b>7.50R20</b>	3822-23	3822-23	3822-23	3816-28
<b>8.25R20</b>	3822-23	3820-25	3818-26	3812-32
<b>9.00R20</b>	4022-25	4020-26	4018-28	4012-34
<b>10.00R20</b>	4220-28	4221-29	4219-30	4213-37
<b>11.00R20</b>	4218-30	4420-31	4217-33	4415-38
<b>12.00R20</b>	4422-30	4418-33	4416-36	4413-40
<b>13/80R20</b>	4223-28	4219-30	4217-33	4213-37
<b>14.00R20</b>	55.5X17	55.5X14	55.5X10	58X13
<b>14/80R20</b>	4422-30	4419-34	4419-34	4413-40

<b>10.00R22</b>	4422-30	4422-30	4420-31	4416-36
<b>11.00R22</b>	4422-30	4223-28	4418-33	4415-38
<b>12.00R22</b>	4422-30	4421-32	4419-34	4413-40

<b>8R22.5</b>	3521-19	3822-23	3519-21	3818-26
<b>9R22.5</b>	3822-23	3822-23	3822-23	3814-30
<b>10R22.5</b>	4022-25	4022-25	4022-25	4014-32
<b>11R22.5</b>	4223-28	4223-28	4223-28	4217-34

## Robbins Envelopes Sizing Guide

	<b>Module Type</b> Seals sidewall-to-sidewall.  With Valve	<b>Road Rim Type</b> Seals with removable flanges.  With Valve	<b>Road Rim Type</b> Seals with extended hi-flange.  With Valve	<b>Rimless System</b> Seals on the bead face.  With Valve
<b>Tire Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>
11R22.5 op	4223-28	4223-28	4223-28	4215-35
12R22.5	4422-30	4422-30	4420-31	4416-36
12.75R22.5	4422-30	4422-30	4420-31	4416-36
15R22.5	4423-30	4421-32	4419-34	4413-40
16.5R22.5	4522-34	4520-36	4520-36	4513-44
18R22.5	4522-34	4518-38	4515-41	4513-44
235/80R22.5	3822-23	3822-23	3822-23	3816-28
245/75R22.5	3521-19	3521-19	3519-21	3818-26
255/70R22.5	3822-23	3822-23	3822-23	3816-28
265/70R22.5	3822-22	3822-22	3820-24	3814-29
265/75R22.5	3822-23	3822-23	3820-25	3814-30
275/70R22.5	3822-23	3822-23	3820-25	3814-30
275/80R22.5	4022-25	4222-26	4020-26	4214-32
295/75R22.5	4224-24	4222-26	4220-28	4214-32
295/80R22.5	4223-28	4223-28	4221-29	4215-35
305/70R22.5	4224-24	4222-26	4220-28	4214-32
305/75R22.5	4224-24	4220-28	4220-28	4214-32
305/85R22.5	4422-30	4422-30	4420-31	4416-36
315/80R22.5	4422-30	4422-30	4420-31	4416-36
315/80R22.5*	4422-30	4422-30	4420-31	4415-38
365/80R22.5	4522-33	4518-37	4518-37	58X12
385/65R22.5	4423-30	4421-32	4421-32	4415-38
385/65R22.5*	4423-30	4421-32	4421-32	4415-38
385/75R22.5	4522-33	4518-37	4518-37	58X12
425/65R22.5	4423-30	4520-36	4520-36	4515-41

## Robbins Envelopes Sizing Guide

	<b>Module Type</b> Seals sidewall-to-sidewall.  With Valve	<b>Road Rim Type</b> Seals with removable flanges.  With Valve	<b>Road Rim Type</b> Seals with extended hi-flange.  With Valve	<b>Rimless System</b> Seals on the bead face.  With Valve
<b>Tire Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>	<b>Envelope Size</b>
11.00R24	4423-30	4421-32	4421-32	4415-38
12.00R24	4522-34	4522-34	4520-36	4515-41
12.00R24 dl	55.5X17	55.5X17	55.5X17	55.5X15
13.00R24	55.5X17	55.5X17	55.5X17	55.5X14
14.00R24	55.5X17	55.5X17	55.5X17	63X13

11R24.5	4422-30	4422-30	4422-30	4416-36
11R24.5 op	4422-30	4422-30	4422-30	4418-33
12R24.5	4422-30	4422-30	4422-30	4416-36
275/80R24.5	4224-24	4222-26	4220-28	4217-34
285/75R24.5	4224-24	4222-26	4220-28	4217-34
295/80R24.5	4422-30	4422-30	4422-30	4418-33
305/75R24.5	4422-30	4422-30	4422-30	4418-33
305/75R24.5 dl	4223-28	4223-28	4223-28	4418-33

**Envelope Lubrication:**

- \* The Robbins envelope has an extended life lubricant applied at the factory.
- \* This extended life lubricant should prevent sticking throughout most of the envelope life; however, the number of cures you experience before sticking occurs will vary considerably depending on the condition of the tires being processed. The cleaner the tire, the better the results.
- \* If sticking occurs, turn the envelope inside out and wash with a solution of liquid dishwasher soap and water. Gently scrub with a soft brush. Let the envelope dry prior to returning to service. After cleaning, the factory applied lubricant should be refreshed and eliminate further sticking. If sticking continues, apply a new coat of Robbins envelope lubricant as needed.



12777

12776

Catalog #	Description	Size
12776	Robbins envelope lubrication	1 Quart
12777	Robbins envelope lubrication	1 Gallon
12778	Robbins envelope lubrication	5 Gallons

## Robbins Inside Envelope Sizing Guide

Casing Size	Taray Catalog #	Robbins Envelope #	Envelope Description
7.50R15	12760	7.50x15 HB	Hand Built Inside Envelope
8.25R15	12765	8.25x15 HB	Hand Built Inside Envelope
10.00R15	12707	10.00x15 HB	Hand Built Inside Envelope

275/75R16	12628	29x7-16	Accufit II CMT Innerlope Inside Envelope
235/85R16	12628	29x7-16	Accufit II CMT Innerlope Inside Envelope
225/75R16	12628	29x7-16	Accufit II CMT Innerlope Inside Envelope
215/85R16	12628	29x7-16	Accufit II CMT Innerlope Inside Envelope
7.50R16	12628	29x7-16	Accufit II CMT Innerlope Inside Envelope

7.50R17	12621	31x6-17.5	Accufit II CMT Innerlope Inside Envelope
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245/70R17.5	12623	29x7-17.5	Accufit II CMT Innerlope Inside Envelope
215/75R17.5	12623	29x7-17.5	Accufit II CMT Innerlope Inside Envelope
11R17.5	12620	35x8-17.5	Accufit II CMT Innerlope Inside Envelope
10R17.5	12622	32x8-17.5	Accufit II CMT Innerlope Inside Envelope
9.5R17.5	12622	32x8-17.5	Accufit II CMT Innerlope Inside Envelope
9R17.5	12622	32x8-17.5	Accufit II CMT Innerlope Inside Envelope

305/70R19.5	12616	35x8-19.5	Accufit II CMT Innerlope Inside Envelope
285/70R19.5	12617	32x8-19.5	Accufit II CMT Innerlope Inside Envelope
265/70R19.5	12617	32x8-19.5	Accufit II CMT Innerlope Inside Envelope
245/70R19.5	12617	32x8-19.5	Accufit II CMT Innerlope Inside Envelope
225/70R19.5	12618	29x7-19.5	Accufit II CMT Innerlope Inside Envelope
8R19.5	12618	29x7-19.5	Accufit II CMT Innerlope Inside Envelope

**Robbins Inside Envelope Sizing Guide**

Casing Size	Taray Catalog #	Robbins Envelope #	Envelope Description
365/80R20	12606	42x10-20	Accufit II CMT Innerlope Inside Envelope
14/80R20	12607	42x8-20	Accufit II CMT Innerlope Inside Envelope
14.00R20	12605	44x12-20	Accufit II CMT Innerlope Inside Envelope
13/80R20	12608	40x8-20	Accufit II CMT Innerlope Inside Envelope
12.00R20	12606	42x10-20	Accufit II CMT Innerlope Inside Envelope
11.00R20	12608	40x8-20	Accufit II CMT Innerlope Inside Envelope
10.00R20	12608	40x8-20	Accufit II CMT Innerlope Inside Envelope
9.00R20	12609	38x8-20	Accufit II CMT Innerlope Inside Envelope
8.25R20	12609	35x8-20	Accufit II CMT Innerlope Inside Envelope

11.00R22	12621	31x6-17.5	Accufit II CMT Innerlope Inside Envelope
10.00R22	12628	29x7-16	Accufit II CMT Innerlope Inside Envelope

215/75R17.5	12601	42x8-22.5	Accufit II CMT Innerlope Inside Envelope
11R17.5	12602	40x8-22.5	Accufit II CMT Innerlope Inside Envelope

455/55R22.5	12593	42x10-22.5	Accufit II CMT Innerlope Inside Envelope
445/65R22.5	12597	44x12-22.5	Accufit II CMT Innerlope Inside Envelope
18R22.5	12597	44x12-22.5	Accufit II CMT Innerlope Inside Envelope
445/50R22.5	12602	40x8-22.5	Accufit II CMT Innerlope Inside Envelope
425/65R22.5	12617	44x10-22.5	Accufit II CMT Innerlope Inside Envelope
16R22.5	12617	44x10-22.5	Accufit II CMT Innerlope Inside Envelope
385/65R22.5	12593	42x10-22.5	Accufit II CMT Innerlope Inside Envelope
15R22.5	12593	42x10-22.5	Accufit II CMT Innerlope Inside Envelope
315/80R22.5	12602	40x8-22.5	Accufit II CMT Innerlope Inside Envelope

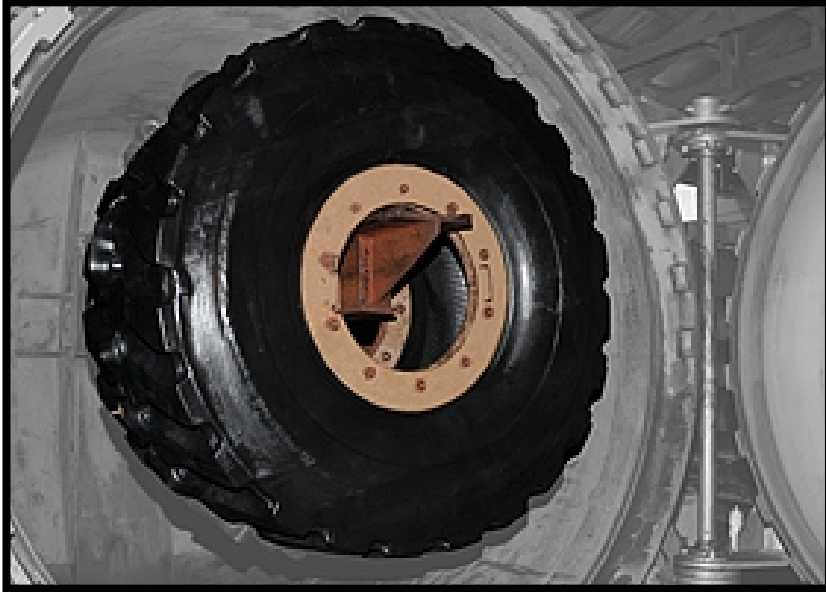


## Robbins Inside Envelope Sizing Guide

Casing Size	Taray Catalog #	Robbins Envelope #	Envelope Description
305/85R22.5	12602	40x8-22.5	Accufit II CMT Innerlope Inside Envelope
305/75R22.5	12603	38x8-22.5	Accufit II CMT Innerlope Inside Envelope
305/70R22.5	12603	38x8-22.5	Accufit II CMT Innerlope Inside Envelope
295/80R22.5	12603	38x8-22.5	Accufit II CMT Innerlope Inside Envelope
295/75R22.5	12603	38x8-22.5	Accufit II CMT Innerlope Inside Envelope
275/80R22.5	12603	38x8-22.5	Accufit II CMT Innerlope Inside Envelope
275/70R22.5	12604	35x8-22.5	Accufit II CMT Innerlope Inside Envelope
265/75R22.5	12604	35x8-22.5	Accufit II CMT Innerlope Inside Envelope
255/80R22.5	12604	35x8-22.5	Accufit II CMT Innerlope Inside Envelope
255/70R22.5	12604	35x8-22.5	Accufit II CMT Innerlope Inside Envelope
245/75R22.5	12604	35x8-22.5	Accufit II CMT Innerlope Inside Envelope
235/80R22.5	12604	35x8-22.5	Accufit II CMT Innerlope Inside Envelope
12.75R22.5	12602	40x8-22.5	Accufit II CMT Innerlope Inside Envelope
12R22.5	12602	40x8-22.5	Accufit II CMT Innerlope Inside Envelope
11R22.5	12603	38x8-22.5	Accufit II CMT Innerlope Inside Envelope
10R20	12603	38x8-22.5	Accufit II CMT Innerlope Inside Envelope
9R22.5	12604	35x8-22.5	Accufit II CMT Innerlope Inside Envelope

12.00R24	12592	44x10-24.5	Accufit II CMT Innerlope Inside Envelope
11.00R24	12600	42x10-24.5	Accufit II CMT Innerlope Inside Envelope

305/75R24.5	12595	40x8-24.5	Accufit II CMT Innerlope Inside Envelope
285/75R24.5	12596	38x8-24.5	Accufit II CMT Innerlope Inside Envelope
275/80R24.5	12596	38x8-24.5	Accufit II CMT Innerlope Inside Envelope
12R24.5	12594	42x8-24.5	Accufit II CMT Innerlope Inside Envelope
11R24.5	12594	42x8-24.5	Accufit II CMT Innerlope Inside Envelope

**NEW & IMPROVED OTR Envelopes (Inside & Outside)**

- Compounded with proprietary Accu-fit CMT formula
- Lower cost-per-cure
- Minimized envelope growth
- Maximized damage resistance
- Pliability retained throughout the envelope life
- Pre-lubed at the factory
- Manufactured in the USA under ISO 9001:2008 certification
- Worldwide distribution provides fast order turnaround
- Available in sizes from small industrial to large OTR

**CURING TUBES & FLAPS**

CALL FOR DETAILS &amp; PRICING



Robbins high quality, heat-resistant Uni-Tube curing tubes are used in precure systems that require a rim and tube.



Robbins manufactures high quality, heat-resistant curing tubes that are used in the retreading of passenger, industrial, light truck, medium, heavy-duty truck, and OTR tires.

Robbins conventional Double Dot curing tubes are used in the mold cure retread system.





One of the biggest expenses in a retread shop is the cost of envelopes. A smart retreader needs a quality envelope but also doesn't want to spend all his profits on it either.

**Delta Envelopes** is your key to solving the problem of quality vs. cost.

Developed with the retreader in mind, our envelopes are made to last under the tough conditions retreaders put them through.....and at a price that won't leave you wondering where all your profits have gone.

Call us now to give **DELTA** a try. You'll be glad you did.