



Bin Liners For Bins Using

- Standard 2'8" [81.28cm] Rings
- 2³/₈" [6.032cm] (3 in 8" [20.32cm]) Corrugations
- Circu-Flow drying systems

In Circu-Flow bins, liners should start about 6" [15.24cm] above the drying floor. Heights below are computed based on the assumption that liners start about 6" [15.24cm] above the drying floor and 16" [40.64cm] floor supports. Washer nuts are included.

For bins using full 32" [81.28cm] bottom ring, use the three tables below.

Top-of-Floor to Top-of-Liner 9'4" [2.845 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
foot	meters			lb	kg
15	4.572	034042		536	243
18	5.486	034043		643	292
21	6.401	034044		750	340
24	7.315	034045		857	389
27	8.23	034046		961	436
30	9.144	034047		1,071	486
33	10.06	034048		1,178	534
36	10.97	034049		1,285	583
39	11.89	034801		1,392	631
42	12.8	034802		1,498	679
45	13.72	034803		1,606	728
48	14.63	034804		1,712	777

Top-of-Floor to Top-of-Liner 12'0" [3.658 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034805		704	704
18	5.486	034806		845	845
21	6.401	034807		985	985
24	7.315	034808		1,126	1,126
27	8.23	034809		1,261	1,261
30	9.144	034810		1,407	1,407
33	10.06	034811		1,548	1,548
36	10.97	034812		1,688	1,688
39	11.89	034813		1,831	1,831
42	12.8	034814		1,970	1,970
45	13.72	034815		2,111	2,111
48	14.63	034816		2,252	2,252

Top-of-Floor to Top-of-Liner 14'8" [4.471 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034817		872	396
18	5.486	034818		1,057	479
21	6.401	034819		1,221	554
24	7.315	034820		1,395	633
27	8.23	034821		1,561	708
30	9.144	034822		1,744	791
33	10.06	034823		1,918	870
36	10.97	034824		2,093	949
39	11.89	034825		2,267	1,028
42	12.8	034826		2,442	1,108
45	13.72	034827		2,616	1,187
48	14.63	034828		2,790	1,266

NOTE: The above prices are based on the use of the following. •One row of T-1 top sheets, •Closures, •One, two, or three rows of M-1 intermediate sheets, and •One row of B-1 bottom sheets extending 8" below the bottom row of bin bolts.

Please see the Conversion Table at the end of this section for metric equivalent values.



Bin Liners For Bins Using

- Standard 2'8" [81.28cm] Rings
- 2³/₈" [6.032cm] (3 in 8" [20.32cm]) Corrugations
- Circu-Flow drying systems

(Continued)

For bins using half ring at bottom of the bin, use the two tables below.

Top-of-Floor to Top-of-Liner 10'8" [3.251 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034829		627	284
18	5.486	034830		753	342
21	6.401	034831		878	398
24	7.315	034832		1,004	455
27	8.23	034833		1,129	512
30	9.144	034834		1,254	569
33	10.06	034835		1,380	626
36	10.97	034836		1,505	683
39	11.89	034837		1,621	735
42	12.8	034838		1,756	797
45	13.72	034839		1,871	849
48'	14.63	034840		2,006	910

Top-of-Floor to Top-of-Liner 13'4" [4.064 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034841		796	361
18	5.486	034842		955	433
21	6.401	034843		1,114	505
24	7.315	034844		1,273	577
27	8.23	034845		1,432	650
30	9.144	034846		1,591	722
33	10.06	034847		1,750	794
36	10.97	034848		1,909	866
39	11.89	034849		2,068	938
42	12.8	034850		2,227	1,010
45	13.72	034851		2,386	1,082
48'	14.63	034852		2,547	1,155

NOTE: Above prices are based on the use of the following. •One row of T-1 top sheets, •Closures, •One or two rows of M-1 intermediate sheets, and •One row of B-3 bottom sheets extending 2'4" below the bottom row of bin bolts.



Bin Liners and Short Bin Stiffeners

When using these liners in a Circu-Flow bin, NECO recommends one stiffener per bin sheet, placed one-and-a-half rings high.

Bin Diameter		Part Number	Quantity Needed	List Price (Total)	Weight	
feet	meters				lb	kg
15	4.572	034013	5		35	16
18	5.486	034013	6		42	19
21	6.401	034013	7		49	22
24	7.315	034013	8		56	25
27	8.23	034013	9		63	29
30	9.144	034013	10		70	32
33	10.06	034013	11		77	35
36	10.97	034013	12		84	38
39	11.89	034013	13		91	41
42	12.8	034013	14		98	44
45	13.72	034013	15		105	48
48	14.63	034013	16		112	51

Individual Sheet Prices

Description	Part Number	List Price	Weight	
			lb	kg
T-1 Top Sheet 31" [78.74cm] (covers one 2'8" [81.28cm] ring)	034002		10	5
M-1 Intermediate Sheet 33½" [85.09cm] (covers one 2'8" [81.28cm] ring)	034003		11	5
B-1 Bottom Sheet 41" [104.1cm] (cover one 2'8" [81.28cm] ring plus 8" [20.32cm])	034004		13	6
B-2 Bottom Sheet 49" [124.5cm] (covers one 2'8" [81.28cm] ring plus 1'4" [40.64cm])	034005		15	7
B-3 Bottom Sheet 61" [154.9cm] (covers one 2'8" [81.28cm] ring plus 2'4" [71.12cm])	034006		19	9
Nut, Flanged 5/16"-18 unc Hex Plated	003163		--	--
Closures, Straight Top	034000		1	0.5
Closures, Right-Hand (RH) Tapered Top	034001		1	0.5
Closures, Left-hand (LH) Tapered Top	034016		1	0.5

Manufactured by



Division of GLOBAL Industries, Inc..
9364 North 45th Street
Omaha, Nebraska 68152



Bin Liners

For Bins Using:

- Standard 2'8" [81.28 cm] Rings
- 2³/₈" [6.032 cm] (3 in 8" [20.32 cm])
Corrugations and Stirring Machines

In bins with a Stirring Machine, liners should start about 18" [45.72 cm] above the drying floor. The following heights are computed based on the assumption that liners start about 18" [45.72 cm] above the drying floor and that 16" [40.64 cm] floor supports are being used. Washer nuts are included.

For bins using full 32" [81.28 cm] bottom ring, use the three tables immediately below.

Top-of-Floor to Top-of-Liner 9'4" [2.845 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034853		495	225
18	5.486	034854		594	269
21	6.401	034855		693	314
24	7.315	034856		792	359
27	8.23	034857		891	404
30	9.144	034858		990	449
33	10.06	034859		1,089	494
36	10.97	034860		1,188	539
39	11.89	034861		1,287	584
42	12.8	034862		1,386	629
45	13.72	034863		1,485	674
48'	14.63	034864		1,584	719

Top-of-Floor to Top-of-Liner 12'0" [3.658 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034865		704	319
18	5.486	034866		845	383
21	6.401	034867		985	447
24	7.315	034868		1,126	511
27	8.23	034869		1,261	572
30	9.144	034870		1,407	638
33	10.06	034871		1,548	702
36	10.97	034872		1,688	766
39	11.89	034873		1,831	831
42	12.8	034874		1,970	894
45	13.72	034875		2,111	958
48'	14.63	034876		2,252	1,022

Top-of-Floor to Top-of-Liner 14'8" [4.471 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034877		825	374
18	5.486	034878		99	45
21	6.401	034879		1,155	524
24	7.315	034880		1,320	599
27	8.23	034881		1,485	674
30	9.144	034882		1,650	748
33	10.06	034883		1,815	823
36	10.97	034884		1,980	898
39	11.89	034885		2,145	973
42	12.8	034886		2,310	1,048
45	13.72	034887		2,475	1,123
48'	14.63	034888		2,640	1,198

NOTE: Above prices are based on the use of the following. •One row of T-1 top sheets, •Closures, and •Two, three, or four rows of M-1 intermediate sheets.



Bin Liners

For Bins Using:

- Standard 2'8" [81.28 cm] Rings
- 2³/₈" [6.032 cm] (3 in 8" [20.32 cm]) Corrugations and Stirring Machines

(Continued)

For bins using half ring at bottom of the bin, use the two tables below.

Top-of-Floor to Top-of-Liner 10'8" [3.251 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034890		555	252
18	5.486	034891		666	302
21	6.401	034892		777	352
24	7.315	034893		888	403
27	8.23	034894		999	453
30	9.144	034895		1,110	503
33	10.06	034896		1,221	554
36	10.97	034897		1,332	604
39	11.89	034898		1,443	655
42	12.8	034899		1,554	705
45	13.72	034900		1,665	755
48'	14.63	034901		1,776	806

Top-of-Floor to Top-of-Liner 13'4" [4.064 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034902		720	327
18	5.486	034903		864	392
21	6.401	034904		1,088	494
24	7.315	034905		1,152	523
27	8.23	034906		1,296	588
30	9.144	034907		1,440	653
33	10.06	034908		1,584	719
36	10.97	034909		1,728	784
39	11.89	034910		1,872	849
42	12.8	034911		2,016	914
45	13.72	034912		2,160	980
48	14.63	034913		2,304	1,045

NOTE: Above prices are based on the use of the following. •One row of T-1 top sheets, •Closures, •One or two rows of M-1 intermediate sheets, and •One row of B-2 bottom sheets extending 1'4" [40.64 cm] below the bottom row of bin bolts.



Bin Liners

For Bins with

- 44" [1.118 m] Sheets,
- 4" [10.16 cm] Corrugations, and
- 9³/₈" [23.81 cm] Horizontal Bolt Spacing

In a Circu-Flow bin, liners should start about 6" [15.24 cm] above the drying floor. The following heights are computed based on the assumption of liners starting about 6" [15.24 cm] above the drying floor and the use of 12" [30.48 cm] floor supports. NOTE: Specify if 16" [40.364 cm] supports are used. Washer nuts are included.

For Circu-Flow bins, use the two tables immediately below.

Top-of-Floor to Top-of-Liner 9'10" [2.997 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034322		510	231
18	5.486	034323		612	278
21	6.401	034324		714	324
24	7.315	034325		816	370
27	8.23	034326		918	416
30	9.144	034327		1,020	463
33	10.06	034328		1,122	509
36	10.97	034329		1,224	555
39	11.89	034330		1,326	601
42	12.8	034331		1,428	648
45	13.72	034332		1,530	694
48	14.63	034333		1,632	740

Top-of-Floor to Top-of-Liner 13'6" [4.115 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034334		720	327
18	5.486	034335		864	392
21	6.401	034336		1,008	457
24	7.315	034337		1,152	523
27	8.23	034338		1,296	588
30	9.144	034339		1,440	653
33	10.06	034340		1,584	719
36	10.97	034341		1,728	784
39	11.89	034342		1,872	849
42	12.8	034343		2,016	914
45	13.72	034344		2,160	980
48	14.63	034345		2,304	1,045



Bin Liners

For Bins with

- 44" [1.118 m] Sheets,
- 4" [10.16 cm] Corrugations, and
- 9³/₈" [23.81 cm] Horizontal Bolt Spacing

(Continued)

For bins with stirring machines, use the two tables below.

Top-of-Floor to Top-of-Liner 9'10" [2.997 cm] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034346		465	211
18	5.486	034347		558	253
21	6.401	034348		651	295
24	7.315	034349		744	337
27	8.23	034350		837	380
30	9.144	034351		930	422
33	10.06	034352		1,023	464
36	10.97	034353		1,116	506
39	11.89	034354		1,209	548
42	12.8	034355		1,302	591
45	13.72	034356		1,395	633
48	14.63	034357		1,488	675

Top-of-Floor to Top-of-Liner 13'6" [4.115 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034358		675	306
18	5.486	034359		810	367
21	6.401	034360		945	429
24	7.315	034361		1,080	490
27	8.23	034362		1,215	551
30	9.144	034363		1,350	612
33	10.06	034364		1,485	674
36	10.97	034365		1,620	735
39	11.89	034366		1,755	796
42	12.8	034367		1,890	857
45	13.72	034368		2,025	919
48	14.63	034369		2,160	980

NOTE: Above prices are based on the following.

- One row of BT-2 top sheets,
- Closures, and
- One row of BB-4 bottom sheets extending 2'0" [0.6096 m] below the bottom row of bin bolts.

For the 13'6" [4.115 m] height, prices also include one row of BM-2 intermediate sheets.

IMPORTANT: Bins with 44" [1.118 m] seam spacing require drilling of the liner and bin as well as additional rows of bolts between existing seam rows. Remember to add this cost when writing quotes.



Bin Liners Special Bin LinerS for Colder Climates, Wetter Grain, or Stirring Devices

For bins with

- 44" [1.118 m] Sheets, 4" [10.16 cm] Corrugations, and
- 9³/₈" [23.81 cm] Horizontal Bolt Spacing

In a Stirring Machine bin, liners should start about 11" [27.94 cm] above the drying floor. The following heights are computed based on the assumption of liners starting about 11" [27.94 cm] above the drying floor and the use of 12" [30.48 cm] floor supports. Washer nuts are included for bin sizes up to 36' [10.97 m]. Some bins 36' [10.97 m] and over require 3/8" [0.9525 cm] washer nuts ***which are not supplied by NECO.***

Top-of-Floor to Top-of-Liner 9'10" [2.997 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034371		510	231
18	5.486	034372		612	278
21	6.401	034373		714	324
24	7.315	034374		816	370
27	8.23	034375		918	416
30	9.144	034376		1,020	463
33	10.06	034377		1,122	509
36	10.97	034378		1,224	555
39	11.89	034379		1,326	601
42	12.8	034380		1,428	648
45	13.72	034381		1,530	694
48	14.63	034382		1,632	740

Top-of-Floor to Top-of-Liner 13'6" [4.115 m] (Approximate)					
Bin Diameter		Part Number	List Price	Weight	
feet	meters			lb	kg
15	4.572	034383		720	327
18	5.486	034384		864	392
21	6.401	034385		1,008	457
24	7.315	034386		1,152	523
27	8.23	034387		1,296	588
30	9.144	034388		1,440	653
33	10.06	034389		1,584	719
36	10.97	034390		1,728	784
39	11.89	034391		1,872	849
42	12.8	034392		2,016	914
45	13.72	034393		2,160	980
48	14.63	034394		2,304	1045

NOTE: The above prices are based on the following. •One row of BT-2 top sheets, •Closures, and •One row of BB-6 bottom sheets extending 18" [50.8 cm] below the bottom row of bin bolts. For the 13'6" [4.115 m] bin height, prices also include one row of BM-2 intermediate sheets.

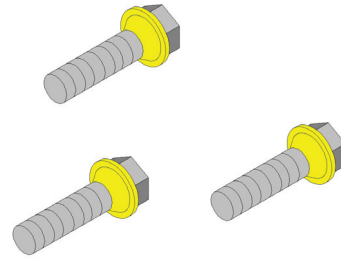
Individual Sheet Prices

Description	Part Number	List Price	Weight	
			lb	kg
BT-2 Top Sheet 43" [109.2 cm] (covers one 3'8" [1.118 m] ring)	034007		13	6
BM-2 Intermediate Sheet 45½" [1.156 m] (covers one 3'8" [1.118 m] ring)	034008		14	6
BB-4 Bottom Sheet 68¾" [1.746 m] (covers one 3'8" [1.118 m] ring plus 2'0" [60.96 cm])	034009		22	10
BB-5 Bottom Sheet 56¾" [1.441 m] (covers one 3'8" [1.118 m] ring plus 1'0" [30.48 cm])	034010		18	8
BB-6 Bottom Sheet 63¾" [1.619 m] (covers one 3'8" [1.118 m] ring plus 1'7" [48.26 cm])	034015		21	10
Closures, Straight Top	034011		1	0
Closures, Right-hand (RH) Tapered Top	034012		1	0
Closures, Left-hand (LH) Tapered Top	034017		1	0
Nut, Flanged 5/16"-18 unc Hex Plated	003163		-	-

IMPORTANT: Bins with 44" [1.118 m] seam spacing require drilling of the liner and bin as well as additional rows of bolts between existing seam rows. Remember to add this cost when writing quotes.



Bin Bolts and Sealing Tape



Description	Part Number	Quantity	List Price
$\frac{5}{16}$ " x 1" [2.54 cm] with Seal Washer	034067	100	
$\frac{5}{16}$ " x 1 $\frac{1}{4}$ " [3.175 cm] with Seal Washer	034068	100	
Sealing Washer $\frac{5}{16}$ "	034069	100	
Nut, Flange, $\frac{5}{16}$ " -18 unc	034070	100	
50' [15.24] Roll, Bin Sheet Sealing Tape	034064	1	
$\frac{3}{8}$ " x 1" [2.54 cm] with Seal Washer	034071	100	
$\frac{3}{8}$ " x 1 $\frac{1}{4}$ " [3.175 cm] with Seal Washer	034072	100	
Sealing Washer $\frac{3}{8}$ "	034073	100	

Manufactured by



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Omaha, Nebraska 68152



Conversion Table				
Length Conversion ' = foot or feet " = inch or inches ¼" = 0.635 cm ½" = 1.27 cm ¾" = 1.905 cm 1" = 2.54 cm 1¼" = 3.175 cm 1½" = 3.81 cm 1¾" = 4.445 cm 2" = 5.08 cm 3" = 7.62 cm 3.2" = 8.128 cm 4" = 10.16 cm 5" = 12.7 cm 6" = 15.24 cm 7" = 17.78 cm 7½" = 19.05 cm 8" = 20.32 cm 9" = 22.86 cm 10" = 25.40 cm 11" = 27.94 cm 12" = 30.48 cm 13" = 33.02 cm 14" = 35.56 cm 15" = 38.10 cm 16" = 40.64 cm 18" = 45.72 cm 18.4" = 46.74 cm 20" = 50.8 cm 22" = 55.88 cm 24" = 60.96 cm 27" = 68.58 cm 28" = 71.12 cm 30" = 76.2 cm 30½" = 77.47 cm 32" = 81.28 cm 33" = 83.82 cm 36" = 91.44 cm 43" = 109.2 cm 52" = 132.1 cm 63" = 160 cm	1' = 0.3048 meters 2' = 0.6096 meters 3' = 0.9144 meters 4' = 1.219 meters 4'8" = 1.422 meters 5' = 1.524 meters 6' = 1.829 meters 7' = 2.134 meters 7'6" = 2.286 meters 8' = 2.438 meters 9' = 2.743 meters 10' = 3.048 meters 11' = 3.353 meters 12' = 3.658 meters 13' = 3.962 meters 14' = 4.267 meters 15' = 4.572 meters 16' = 4.877 meters 17' = 5.182 meters 18' = 5.486 meters 19' = 5.791 meters 20' = 6.096 meters 21' = 6.401 meters 22' = 6.706 meters 23' = 7.01 meters 24' = 7.315 meters 25' = 7.62 meters 26' = 7.925 meters 27' = 8.23 meters 28' = 8.534 meters 29' = 8.839 meters 30' = 9.144 meters 31' = 9.449 meters 32' = 9.754 meters 33' = 10.06 meters 34' = 10.36 meters 35' = 10.67 meters 36' = 10.97 meters 37' = 11.28 meters 38' = 11.58 meters 39' = 11.89 meters	40' = 12.19 meters 41' = 12.5 meters 42' = 12.8 meters 43' = 13.11 meters 44' = 31.41 meters 45' = 13.72 meters 46' = 14.02 meters 47' = 14.33 meters 48' = 14.63 meters 49' = 14.94 meters 50' = 15.24 meters 51' = 15.54 meters 52' = 15.85 meters 53' = 16.15 meters 54' = 16.46 meters 55' = 16.76 meters 56' = 17.07 meters 57' = 17.37 meters 58' = 17.68 meters 59' = 17.98 meters 60' = 18.29 meters 61' = 18.59 meters 62' = 18.9 meters 63' = 19.2 meters 64' = 19.51 meters 65' = 19.81 meters 66' = 20.12 meters 67' = 20.42 meters 68' = 20.73 meters 69' = 21.03 meters 70' = 21.34 meters 71' = 21.64 meters 72' = 21.95 meters 73' = 22.25 meters 74' = 22.56 meters 75' = 22.86 meters 76' = 23.16 meters 77' = 23.47 meters 78' = 23.77 meters 79' = 24.08 meters	80' = 24.38 meters 81' = 24.69 meters 82' = 24.99 meters 83' = 25.3 meters 84' = 25.6 meters 85' = 25.91 meters 86' = 26.21 meters 87' = 26.52 meters 88' = 26.82 meters 89' = 27.13 meters 90' = 27.43 meters 91' = 27.74 meters 92' = 28.04 meters 93' = 28.25 meters 94' = 28.65 meters 95' = 28.96 meters 96' = 29.26 meters 97' = 29.57 meters 98' = 29.87 meters 99' = 30.18 meters 100' = 30.48 meters 101' = 30.78 meters 102' = 31.09 meters 103' = 31.39 meters 104' = 31.7 meters 105' = 32 meters 106' = 32.31 meters 107' = 32.61 meters 108' = 32.92 meters 109' = 33.22 meters 110' = 33.53 meters 111' = 33.83 meters 112' = 34.14 meters 113' = 34.44 meters 114' = 34.75 meters 115' = 35.05 meters 116' = 35.36 meters 117' = 35.66 meters 118' = 35.97 meters 119' = 36.27 meters	120' = 36.58 meters 121' = 36.88 meters 122' = 37.19 meters 123' = 37.49 meters 124' = 37.8 meters 125' = 38.1 meters 126' = 38.4 meters 127' = 38.71 meters 128' = 39.01 meters 129' = 39.32 meters Power Conversion hp kW 0.25 = 0.1861 0.5 = 0.3728 0.75 = 0.5593 1 = 0.7456 1.5 = 1.1185 2 = 1.4913 2.5 = 1.8642 2.65 = 1.976 3 = 2.2370 5 = 3.7284 7 = 5.2198 7½ = 5.5927 10 = 7.4569 15 = 11.1854 20 = 14.9139 30 = 22.37 40 = 29.83 50 = 37.28 60 = 44.74

Conversion Factors			
Abbreviations ' = foot or feet " = inch or inches lb = pound kg = kilogram cm = centimeter m = meter hp = horsepower kW = kilowatt hz = hertz	Distance and Length centimeter x 0.394 = inches centimeter x 0.03281 = feet meter x 3.281 = feet inches x 2.540 = centimeters feet x 30.48 = centimeters feet x 0.3049 = meters	Weight and Mass pounds x 0.454 = kilogram kilogram x 2.205 = pounds	Power horsepower x 0.746 = kilowatts kilowatts x 1.34 = horsepower