

Tank liners and outer support containers

The Thermo Scientific™ and Nalgene™ outer support containers are designed to hold tank liners used for in-house critical or noncritical process steps. Our portfolio accommodates a range of functionalities and process liquid volumes.

Tank liner key features

- Thermo Scientific™ tank liners are designed for use with commercially available overhead mixers (not supplied)
- Chambers are constructed from a variety of Thermo Scientific™ films, manufactured using animal origin-free components and optimized for Thermo Scientific™ catalog drums and Thermo Scientific™ Nalgene™ cylindrical tanks
 - CX3-9 film is a three-layer, 9 mil cast film with an outer layer constructed of polyester elastomer coextruded with a low-density polyethylene (LDPE) product contact layer
 - ASI™ 26 film is a single-web, 5 mil cast film made of highly flexible and stretchable material
 - 343050 series film is a 5 mil blend of LDPE and linear low-density polyethylene (LLDPE)
- Removes the need for tank cleaning and helps reduce cycle times
- Top access only in unit volumes of 50, 100, 200, 300, and 500 L; top and bottom access in unit volumes of 50, 100, and 200 L for maximum functionality
- Supplied gamma-irradiated to minimize bioburden

Selecting tank liners and the correct outer support containers

There are multiple design considerations, depending on your needs:

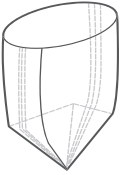
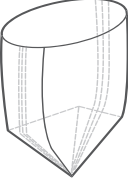
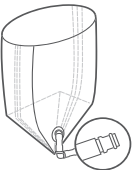

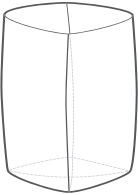
- Application—storage, mixing, or waste collection
- Batch size, filling, and emptying—determines the volume and need for bottom access port
- Characteristics of the process liquid



Associated applications

- Hydration of powdered media and buffers
- Pooling of nonsterile solutions and fluids

Open-top tank liner specifications

Description	Size	Outer container VWR Cat. No.	Tank liner VWR Cat. No.
Top-drain, for use with Thermo Scientific drums			
 <p>0 ports</p>	50 L	NA	CX3-9 82013-424
	100 L	NA	CX3-9 82013-426
Top-drain, for use with cylindrical tanks			
 <p>0 ports</p>	50 L	60462-048	CX3-9 82013-430
	100 L	60462-060	CX3-9 82013-432
Top- and bottom-drain			
 <p>Line 1: MPX insert, polycarbonate C-Flex™ tubing, length: 182.9 cm (72 in.) ID x OD: 12.7 x 19.1 mm (0.5 x 0.75 in.)</p>	50 L	NA	CX3-9 82013-418
	100 L	NA	CX3-9 82013-420
	200 L	NA	CX3-9 82013-422
2D pillow-style			
 <p>These 2D (pillow-style) tank liners are available as a simple and low-cost solution. A single BioProcess Container (BPC) will accommodate a variety of tank sizes.</p>	50 L	60462-048	ASI 26 89127-001
	130 L	60462-060	ASI 26 89127-002
	200 L	60463-152	ASI 26 89127-004
	340 L	60463-154	ASI 26 89127-006
	400 L	60463-156	ASI 26 89127-008
	560 L	60463-158	ASI 26 89127-011
3D pillow-style			
 <p>The 3D liners are available and sized for specific totes. This seamless design offers a more streamlined fit, eliminating pooling areas or “pleats”.</p>	50 L	60462-048	ASI 26 89127-018
	100 L	60462-060	ASI 26 89127-020
	200 L	60463-152	ASI 26 89127-022
	300 L	60463-154	ASI 26 89127-024
	560 L	60463-158	ASI 26 89127-026

Nalgene tank liners

Thermo Scientific™ Nalgene™ tank liners feature an open-bag, flat-bottom design to enhance your mixing capabilities. They are ideal for single-use, biopharmaceutical, and diagnostic reagent fluid processing using Nalgene plastic rigid cylindrical tanks, and are available in sizes ranging from 19 L to 757 L.

Key features

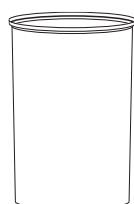
- Designed specifically to fit Nalgene cylindrical tanks from 19 L to 757 L
- 343050 series film tank liners are supplied gamma-irradiated



Capacity	Cat. No. for compatible Nalgene tank	VWR Cat. No.
19 L	60462-026 60455-176 60453-025	89037-570
28 L	60464-010 60455-178 60453-029	89037-572
38 L	60463-150 60455-180 60453-035	89037-574
57 L	60462-048 60455-182 60453-047	89037-576
113 L	60462-060 60455-184 60453-069	89037-578
208 L	60463-152 60455-186 60453-080	89037-580
303 L	60463-154	89037-582
378 L	60463-156	89037-584
568 L	60463-158	89037-586
757 L	60463-160	89037-588


Outer support containers

Plastic tanks, drums, and accessories



Nalgene heavy-duty LLDPE cylindrical tank with cover

Description	Size	Dimensions (D x H)	VWR Cat. No.
	19 L	28 x 38 cm (11 x 15 in.)	60462-026
	28 L	31 x 46 cm (12 x 18 in.)	60464-010
	38 L	33 x 51 cm (13 x 20 in.)	60463-150
	57 L	36 x 71 cm (14 x 28 in.)	60462-048
	113 L	48 x 76 cm (19 x 30 in.)	60462-060
	208 L	56 x 91 cm (22 x 36 in.)	60463-152
	303 L	61 x 122 cm (24 x 48 in.)	60463-154
	378 L	71 x 112 cm (28 x 44 in.)	60463-156
	568 L	81 x 124 cm (32 x 49 in.)	60463-158
	757 L	94 x 130 cm (37 x 51 in.)	60463-160


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