

Open-top 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:

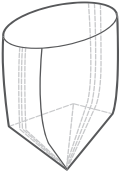
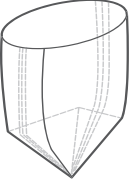
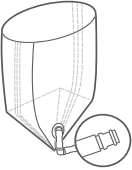
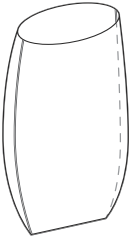
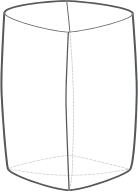
- Application—storage, mixing, or waste collection
- Batch size, filling, and emptying—determines the volume and need for bottom access port
- Characteristics of the process liquid



Associated applications

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

Open-top tank liner specifications

Description	Size	Outer container Cat. No.	Tank liner Cat. No.
Top-drain, for use with Thermo Scientific drums			
 <p>0 ports</p>	50 L	SV50076.02	CX3-9 SH30647.01
	100 L	SV50076.03	CX3-9 SH30647.02
	200 L	SV50076.04	CX3-9 SH30647.03
Top-drain, for use with cylindrical tanks			
 <p>0 ports</p>	50 L	11100-0015	CX3-9 SH30647.04
	100 L	11100-0030	CX3-9 SH30647.05
	300 L	11100-0080	CX3-9 SH30647.06
	560 L	11100-0150	CX3-9 SH30647.07
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	SV50517.04	CX3-9 SH30646.01
	100 L	SV50517.05	CX3-9 SH30646.02
	200 L	SV50517.06	CX3-9 SH30646.03
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	11100-0015	ASI 26 B100048-I
	130 L	11100-0030	ASI 26 B100038-I
	200 L	11100-0055	ASI 26 B100037-I
	340 L	11100-0080	ASI 26 B100049-I
	400 L	11100-0100	ASI 26 B100050-I
	560 L	11100-0150	ASI 26 B100051-I
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	11100-0015	ASI 26 B100364-I
	100 L	11100-0030	ASI 26 B100373-I
	200 L	11100-0055	ASI 26 B100363-I
	300 L	11100-0080	ASI 26 B101459-I
	560 L	11100-0150	ASI 26 B101460-I

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

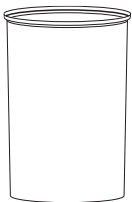
- Designed specifically to fit Nalgene cylindrical tanks from 19 L to 757 L
- 343050 series film tank liners are supplied gamma-irradiated





Capacity	Cat. No. for compatible Nalgene tank	Cat. No.
19 L	11100-0005 11200-0005 54100-0005	343050-0005
28 L	11100-0007 11200-0007 54100-0007	343050-0007
38 L	11100-0010 11200-0010 54100-0010	343050-0010
57 L	11100-0015 11200-0015 54100-0015	343050-0015
113 L	11100-0030 11200-0030 54100-0030	343050-0030
208 L	11100-0055 11200-0055 54100-0055	343050-0055
303 L	11100-0080	343050-0080
378 L	11100-0100	343050-0100
568 L	11100-0150	343050-0150
757 L	11100-0200	343050-0200

Outer support containers

Plastic tanks, drums, and accessories

Description	Size	Dimensions (D x H)	Cat. No.
 <p>Nalgene heavy-duty LLDPE cylindrical tank with cover</p>	19 L	28 x 38 cm (11 x 15 in.)	11100-0005
	28 L	31 x 46 cm (12 x 18 in.)	11100-0007
	38 L	33 x 51 cm (13 x 20 in.)	11100-0010
	57 L	36 x 71 cm (14 x 28 in.)	11100-0015
	113 L	48 x 76 cm (19 x 30 in.)	11100-0030
	208 L	56 x 91 cm (22 x 36 in.)	11100-0055
	303 L	61 x 122 cm (24 x 48 in.)	11100-0080
	378 L	71 x 112 cm (28 x 44 in.)	11100-0100
	568 L	81 x 124 cm (32 x 49 in.)	11100-0150
757 L	94 x 130 cm (37 x 51 in.)	11100-0200	

Description	Size	Dimensions (D x H)	Cat. No.
 <p>HyPerforma LLDPE flat-bottom drum; top-dispense with clamps</p>	50 L	45 x 53 cm (19.25 x 21.75 in.)	SV50076.02
	100 L	45 x 79 cm (19.25 x 35 in.)	SV50076.03
	200 L	59 x 93 cm (23.5 x 36.75 in.)	SV50076.04
 <p>Plastic drum dolly</p>	50 L	62 x 18 cm (23.4 x 7.1 in.)	SV50029.03
	100 L		
	200 L		

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