

20" Cam-Latch Manhole

35 psi (2.4 bar) MAWP

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Betts Industries' Cam-Latch Manhole offers a high-quality, robust design able to meet the stringent requirements of the transportation and processing industries. Whether it is for railcar or over-the-road, liquid or dry bulk, this manhole is up to the task.

Model 8555 is a 20" full opening cam-latch manhole equipped with a quick opening cast aluminum cover. Nylon wear saddles provide smooth operation for the six aluminum latches. Robust 5/8" swing bolts are secured to the collar utilizing a mono-lug design and are adjustable to create a positive seal between the cover and collar. The cover incorporates innovative built-in safety latches on each side of the handle that, unlike other designs, do not require add-on brackets to function. The safety latches will not swing off the cover until the cover is lifted slightly and residual tank pressure is relieved. This ensures a stuck cover will never override the safety mechanism. The manhole satisfies requirements of 49CFR§178.345-5 and §178.347-3.



MODEL 8555

See Section 92 Page 1B for parts list.

Part Number	Materials of Construction			Weight	Collar Height *	Gasket **
	Hardware	Weld Collar	Cover and Cam Levers			
8555ABF-6	Zinc Plated Steel	Aluminum	Aluminum	41 lb (18.6 kg)	6" (152 mm)	White FDA Nitrile (Buna-N)
8555ACF-6	Stainless Steel					
8555SBF-6	Zinc Plated Steel	Steel	Aluminum	60 lb (27.2 kg)		
8555SCF-6	Stainless Steel					
8555CBF-6	Zinc Plated Steel	304 Stainless	Aluminum			
8555CCF-6	Stainless Steel					

Technical Specifications

Design Pressure		Test Pressure ***	Design Temperature ***	
Internal MAWP	External MAWP		Minimum	Maximum
35 psi (2.4 bar)	14.7 psi (1.0 bar)	53 psi (3.65 bar)	-40°F (-40°C)	250°F (121°C)

Letter	Gasket Material
F	White FDA Nitrile (Buna-N)
V	Black FKM (Viton®)
Q	Fluorosilicone
B	Black Nitrile (Buna-N)
W	White Hypalon

- * Alternate collar heights available by designating 4, 8, 10 or 12 as last number of part number.
- ** Alternate gasket material available. See table at right.
- *** Ratings determined using white nitrile gasket.

To assure proper performance, care should be exercised when welding the collar to the tank to ensure the collar remains flat and round. If necessary, a welding fixture should be used to prevent distortion.

⚠ WARNING: This product can expose you to chemicals including Chromium (hexavalent compounds), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov



Designed, engineered and manufactured in the USA. 