# BUMPER SPECIFICATION





Molded "L" Bumper







Steel Face Bumper

Bumpers offer important protection for your entire dock investment. They provide maximum protection against vehicle damage to the dock leveler, building walls, restraint and seals/shelters. A wide variety of styles to choose from: vertical and horizontal in both steel-faced, laminated and molded.

## **Design Highlights**

- Provides maximum cushioning protection against vehicle damage to the dock and building
- Constructed to last, and proven years of protection
- Reduces costly concrete repair to buildings from truck impact
- Low maintenance
- Numerous models available

## **Project Information**

Job Name	
Address	
General Contractor	
Distributor	
Model	
Quantity	

## **Certified For Construction**

Ву	 	 
Company_	 	 
Address	 	 
Date	 	 

6219 West Eastwood Court 

Mequon, WI 53092

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www.apsresource.com

A continuing research program is in effect at APS Resource. We reserve the right to incorporate product improvement at any time without prior notice



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## BUMPER SPECIFICATION

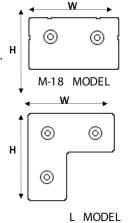
### Sample Bumper Offering

			-			
Molded B	umpers					
Model	Thickness	Height	Width	Est. Weight		
L	4"	18"	18"	30 lbs.		
M-18	4"	10"	18"	23 lbs.		
Т	3"	22"	22"	30 lbs.		
Laminated Bumpers						
Horizontal	Bumpers					
Model	Thickness	Height	Width	Est. Weight		
Width is meas	ured from center	of bolt hole	to center of	bolt hole.		
410-14	4.5"	10"	14"	26 lbs.		
410-24	4.5"	10"	24"	45 lbs.		
412-14	4.5"	12"	14"	33 lbs.		
412-24	4.5"	12"	24"	52 lbs.		
610-14	6"	10"	14"	32 lbs.		
610-24	6"	10"	24"	55 lbs.		
612-14	6"	12"	14"	40 lbs.		
612-24	6"	12"	24"	70 lbs.		
910-14*	9" 2"	10"	14"	65 lbs.		
910-24*	9" * Extra thick	10"	24"	100 lbs.		
	Extra trick	bumpers are r	not warranted	l.		
Vertical Bu						
				ge of opposite angle.		
V420-14	4.5"	20"	14" 14"	45 lbs.		
V424-14	4.5" 6"	24"		51 lbs.		
V620-14	-	20"	14"	55 lbs.		
V624-14	6"	24"	14"	63 lbs.		
Steel Fac	e Bumpers					
Horizonta	l Bumpers					
Model	Thickness	Height	Width	Est. Weight		
	sured from cente					
410-14SF*	5.25"	10"	14"	50 lbs.		
410-24SF*	5.25"	10"	24"	75 lbs.		
Vertical B						
Width is meas angle.	ured form outside	edge of angle	to outside ec	lge of opposite		
V420-14SF	5.25"	20"	13"	75 lbs.		
V424-14SF	5.25"	24"	13"	88 lbs.		
V620-14SF	6.75"	20"	13"	52 lbs.		
V624-14SF	6.75"	24"	13"	100 lbs.		
*Steel Face Thin available where $4'' - 4^{1/2''}$ projection must be maintained.						
DOCK DEFENDER™ (steel wrapped bumper)						
V424-14	5.25"	24"	14"	80 lbs.		
V624-14	6.75"	24"	14"	100 lbs.		
*Chin Olaa		and Dight hu				

\*Ship Class 55 \*\*\*Left and Right bumpers are separate

### MOLDED BUMPERS

- Molded in one piece of all new nylon and new polyester reinforced rubber.
- Bumper to have a durometer reading of 80 plus or minus 5, tensile strength of 950-1050 PSI, and an impact recovery of 95%.
  - All models have pre-drilled, H countersunk mounting holes that are drilled to accept <sup>3</sup>/<sub>4</sub>" anchor bolts.



### LAMINATED BUMPERS

- Resilient rubber material of bumpers shall be rubberized-fabric truck tires cut to uniform size pads and punched to receive <sup>3</sup>/<sub>4</sub>" supporting rods.
- All bumpers must be 4 <sup>1</sup>/<sub>2</sub>" thick and closed with two 3" x 3" x <sup>1</sup>/<sub>4</sub>" structural angles under approximately 1,500 lbs of pressure.
- The anchor leg of angle extends a minimum of 3" beyond the rubber surface at either end and contains two or three 13/16" anchor bolt holes as required.

#### STEEL FACE BUMPERS

- Resilient rubber material of bumpers cut to uniform size pads 4 <sup>1</sup>/<sub>2</sub>" thick with overall projection of 5 <sup>1</sup>/<sub>4</sub>". Punched to receive <sup>3</sup>/<sub>4</sub>" supporting rods.
- Bumper to have 3/8" steel face plate equal to the rubber surface dimensions.

