

# Bumpers

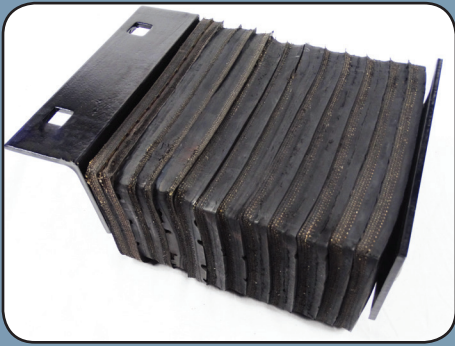


Figure 1: Laminated Bumper



Figure 2: Molded "L" Bumper. Also come in "T" and Model 018



Figure 3: Steel-Faced Bumper

## Design Highlights

- Provides maximum cushioning protection against vehicle damage to the dock and building
- Reduces costly concrete repair to buildings from truck impact
- Low-maintenance
- Comes in molded, laminated and steel-faced models
- This product carries a (1) year limited warranty with APS Resource

## Technical Specifications

Available Sizes	See next page
Construction Material	See next page

### Project Information

Job Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 General Contractor \_\_\_\_\_  
 Distributor \_\_\_\_\_  
 Model \_\_\_\_\_  
 Quantity \_\_\_\_\_

### Certified for Construction

By \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 Date \_\_\_\_\_



# Bumpers

## Laminated Bumpers

Model	Thickness	Height	Width	Est. Weight
<b>Horizontal Bumpers</b>				
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*	6"	10"	14"	65 lbs
910-24*	6"	10"	24"	100 lbs
<b>Vertical Bumpers</b>				
V420-11	4.5"	20"	11"	45 lbs
V424-11	4.5"	24"	11"	51 lbs
V620-11	6"	20"	11"	55 lbs
V624-11	6"	24"	11"	63 lbs

## Molded Bumpers

Model	Thickness	Height	Width	Est. Weight
L	4"	18"	18"	30 lbs
M-18	4"	10"	18"	23 lbs
T	3"	22"	22"	30 lbs

## Steel-Faced Bumpers

Model	Overall Thickness**	Height	Width	Est. Weight
<b>Horizontal Bumpers</b>				
410-14SF	5.25"	10"	14"	50 lbs
410-24SF	5.25"	10"	24"	75 lbs
<b>Vertical Bumpers</b>				
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
<b>Dock Defender (Steel-Wrapped Bumper)</b>				
V424-14	5.25"	24"	14"	80 lbs
V624-14	6.75"	24"	14"	100 lbs
**5.25" Overall Thickness = 4.5" Rubber Thickness				
6.75" Overall Thickness = 6" Rubber Thickness				

## LAMINATED BUMPERS

- Resilient rubber material of bumpers shall be rubberized-fabric truck tires cut to uniform size pads and punched to receive 3/4" supporting rod.
- All bumpers must be closed with two 3" x 3" x 1/4" 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.

## 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, countersunk mounting holes that are drilled to accept 3/4" anchor bolts

## STEEL-FACED BUMPERS

- Resilient rubber material of bumpers cut to uniform size with overall projection of 5-1/4" or 6-3/4". Punched to receive 3/4" supporting rods.
- Bumper to have 3/8" steel face plate equal to the rubber surface dimensions.

DOCK DEFENDER

