

# Product Specification

## CES Plastic Hinges



### Product Description

CES Plastic Hinges are manufactured from a modified polyolefin copolymer. They will operate satisfactorily in temperatures from -40°F to 180°F. The material is chemically resistant to saltwater, oil, solvents, dilute acids, alkalis and most other chemicals.

The hinges are available in two styles: butt and continuous. The butt hinges are available in a variety of colors and sizes ranging from 1" x 1-1/2" to 4" x 4". The butt hinges can be installed on a variety of surfaces using screws, brads, nails or staples. The continuous hinges are piano type hinges. They are available in 50' and 100' rolls and in open widths from 1-1/8" to 3".

CES hinges are flex tested to over 69 million cycles. They require no lubrication and will not fatigue or deteriorate in wet or corrosive environments. They are also suitable for outdoor use as the chemical formulation of the hinges includes an additive for UV resistance.

#### Butt Hinge Load Capacities

Size	Thickness	Capacity
1" x 1.5"	0.0625"	108 lbs
1.5" x 2"	0.125"	145 lbs
1" x 3"	0.125"	183 lbs
2.5" x 3"	0.1875"	360 lbs
3.5" x 3.5"	0.25"	615 lbs
4" x 4"	0.25"	748 lbs

#### Continuous Hinge Load Capacities

Size	Thickness	Capacity
1-1/8"	0.125 nom	100 lbs/linear inch
1-1/2"	0.125 nom	100 lbs/linear inch
2"	0.125 nom	100 lbs/linear inch
3"	0.125 nom	100 lbs/linear inch

Dimensional drawings available on request.



**CES  
Plastic  
Butt  
Hinges**



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Continuous  
Hinges**

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