

# **B-Line C-Port**

## **A Complete Rooftop Support Solution**



**Supports  
2500 Lbs./Ft.\***

**Made from  
100% Recycled Rubber**

*B-Line C-Port components with B-Line Strut and Pipe Hanger Systems offer a total solution for roof tops and more...*

- Non-Penetrating • Extends Roof Life • Dampens Vibrations •
- No Need For Supplemental Rubber Pad • Will Not Float •

*Innovative, economical roof top support systems for use as:*

- Pipe Supports • HVAC Supports • Roof Walkway Supports •
- Duct Supports • Conduit Supports •

Can also be used in underfloor applications

# **B-Line**



**COOPER B-Line**

## CX - Series



### Specifications:

#### Base Only

**Dimensions** - 4" High x 6" Wide x 9.6" Long (base length)

**Material** - 100% recycled rubber, UV resistant

**Maximum Load** - 1500 lbs./ft. \*

C-Port CX-Series channel support is designed as an economical support for gas piping systems, cable tray, HVAC equipment and many other applications. The C-Port is UV resistant and approved for any type of roofing material or other flat surfaces. Material effectively accepts screw fasteners for securing one (1) or two (2) hole straps (not included).

Cat. No.	Height	Width	Length	Weight Each
CXP	4" (101mm)	6" (152mm)	9.6" (244mm)	4.86 (2.20kg)



## C - Series



### Specifications:

**Base with 14 ga. Galv. Channel** ( $1^{13}/16$ " high)

**Dimensions** -  $4^{13}/16$ " High x 6" Wide x Length (base length)

**Material** - 100% recycled rubber, UV resistant

**Load Rating** - 2500 lbs./ft. \*

C-Port C-Series channel support is designed for superior support of gas and refrigeration piping systems, cable tray, HVAC equipment, walkway systems and many other applications. The C-Port is UV resistant and suitable for installation on any type of roofing material or other flat surfaces.

Cat. No.	Height	Width	Length	Weight Each
C10	$4^{13}/16$ " (122mm)	6" (152mm)	9.6" (244mm)	5.97 (2.71kg)
C20	$4^{13}/16$ " (122mm)	6" (152mm)	19.2" (487mm)	11.94 (5.41kg)
C30	$4^{13}/16$ " (122mm)	6" (152mm)	28.8" (731mm)	17.91 (8.12kg)
C40	$4^{13}/16$ " (122mm)	6" (152mm)	38.5" (978mm)	23.88 (10.83kg)
C48	$4^{13}/16$ " (122mm)	6" (152mm)	48" (1219mm)	28.65 (12.99kg)



For pipe straps/clamps, rollers and roller supports that can be used with this C-Port support, see other components on back page.

## CB - Series



### Specifications:

**Two (2) Bases Bridged with 12 ga. Galv. Channel** ( $1^{5}/8$ " high)

**Dimensions** -  $5^{5}/8$ " High x 6" Wide x Bridge Length (overall length)

**Material** - 100% recycled rubber, UV resistant

**Load Rating** - Each base rated at 2500 lbs./ft.\* Refer to beam load of channel at various lengths as other factor. (see Strut Catalog)

C-Port CB-Series channel support is designed for superior support of gas and refrigeration piping systems, cable tray, HVAC equipment, walkway systems and many other applications. The C-Port is UV resistant and suitable for installation on any type of roofing material or other flat surfaces.

Cat. No.	Height	Individual Base Length	Bridge Length	Weight Each
CB10-28	$5^{5}/8$ " (143mm)	9.6" (244mm)	28" (711mm)	13.58 (6.16kg)
CB10-36	$5^{5}/8$ " (143mm)	9.6" (244mm)	36" (914mm)	14.69 (6.66kg)
CB10-42	$5^{5}/8$ " (143mm)	9.6" (244mm)	42" (1067mm)	15.52 (7.04kg)
CB10-50	$5^{5}/8$ " (143mm)	9.6" (244mm)	50" (1270mm)	16.62 (7.54kg)
CB10-60	$5^{5}/8$ " (143mm)	9.6" (244mm)	60" (1524mm)	18.00 (8.16kg)



For pipe straps/clamps, rollers and roller supports that can be used with this C-Port support, see other components on back page.

\* For Roof Loading, Consult Roofing Manufacturer /or Engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.

## CS - Series



### Specifications:

**Base with 12 ga. Galv. Channel (1<sup>5</sup>/<sub>8</sub>" high) and Adapter Leg Dimensions** - 5<sup>5</sup>/<sub>8</sub>" High (not including height of adapter leg) x 6" Wide x Length (base length)  
**Material** - 100% recycled rubber, UV resistant  
**Adapter Fitting** - 1<sup>7</sup>/<sub>8</sub>" x 1<sup>7</sup>/<sub>8</sub>" Square Tube with <sup>9</sup>/<sub>16</sub>" holes on all four (4) sides. High.  
**Maximum Load** - 2500 lbs./ft. \*

C-Port CS-Series support is designed as a variable angle support designed for ventilation duct, walkway systems, HVAC equipment and many other applications installed on sloped or uneven surfaces. Adapter leg will accommodate 1<sup>5</sup>/<sub>8</sub>" x 1<sup>5</sup>/<sub>8</sub>" strut to allow for fabricated support frames. The C-Port is UV resistant and approved for installation on any type of roofing material or other flat surfaces.

Cat. No.	Height	Width	Length	Weight Each
<b>CS10</b>	5 <sup>5</sup> / <sub>8</sub> " (143mm)	6" (152mm)	9.6" (244mm)	8.35 (3.79kg)
<b>CS20</b>	5 <sup>5</sup> / <sub>8</sub> " (143mm)	6" (152mm)	19.2" (487mm)	13.21 (5.99kg)
<b>CS30</b>	5 <sup>5</sup> / <sub>8</sub> " (143mm)	6" (152mm)	28.8" (731mm)	16.33 (7.41kg)
<b>CS40</b>	5 <sup>5</sup> / <sub>8</sub> " (143mm)	6" (152mm)	38.5" (978mm)	20.61 (9.35kg)
<b>CS48</b>	5 <sup>5</sup> / <sub>8</sub> " (143mm)	6" (152mm)	48" (1219mm)	26.35 (11.95kg)



## CE - Series



### Specifications:

**Base with two (2) 1/2" Electro Zinc All Threaded Rod Risers and 14 ga. Galv. Slotted Channel (1<sup>3</sup>/<sub>16</sub>" high)**  
**Dimensions** - Overall Height as Specified  
 Base - 4" High x 6" Wide x 9.6" Length (base length)  
**Material** - 100% recycled rubber, UV resistant  
**Load Rating** - 300 lbs./ft. \*

C-Port CE-Series channel support is designed as a superior support of gas and refrigeration piping systems, cable tray, HVAC equipment and many other applications where elevation adjustment is critical. The C-Port is UV resistant and suitable for installation on any type of roofing material or other flat surfaces.

A wide range of pipe clamps and straps can be used with this support.

Cat. No.	Overall Height	Width	Extension	Weight Each
<b>CE10-8</b>	8" (203mm)	6" (152mm)	4" (101mm)	7.17 (3.25kg)
<b>CE10-12</b>	12" (305mm)	6" (152mm)	8" (203mm)	8.48 (3.84kg)
<b>CE10-16</b>	16" (406mm)	6" (152mm)	12" (305mm)	8.82 (4.00kg)



\*\* Longer base lengths available.

\* For Roof Loading, Consult Roofing Manufacturer /or Engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.

## Product Information

**Product Name:** Rubber C-PORT

**Manufacturer:** Clearline Technologies

**Product Description:**

1. Material: compression molded rubber composite of the 100% recycled rubber and polyurethane prepolymer
2. Physical properties of the rubber composite:
  - a) Density: 0.6 oz/cu in (ASTM C 642)
  - b) Durometer Hardness: 65A ± 7 (ASTM D 2240)
  - c) Tensile Strength\*: minimum 210 psi (ASTM D 412)  
(Main structural areas)
  - d) Compression deformation: 10% at 70 psi, 68°F (ASTM D 395)
  - e) Brittleness at Low temperature: -40°F (ASTM D 746)
  - f) Freeze and thaw when exposed (ASTM C 672)  
to deicing chemicals no loss after 50 cycles
  - g) Coefficient of thermal expansion of at least  $8 \times 10^{-6}$  in/in/°F (ASTM C 531)
  - h) Weathering 70 hours at 12°F (ASTM D 573)
 

- hardness retained	100% (± 5%)
- compressive strength	100% (± 5%)
- tensile strength	100% (± 5%)
- elongation retained	100% (± 5%)
3. Available model: Per Cooper B-Line brochure
4. Basic dimensions and nominal weight as per attached drawing
5. Finishing: Black with reflective yellow  
Parallelogram as per attached drawing

**Components:**

- a) 100% recycled rubber from car and truck tires (NR, SBR)
- b) Polyurethane pre-polymer for rubber granules
- c) Yellow traffic marking tape

## Customer Service

**Address:** Cooper B-Line  
509 West Monroe Street  
Highland, IL 62249

**Phone:** 800-851-7415  
**Fax:** 618-654-1917

[www.cooperblineline.com](http://www.cooperblineline.com)

Questions, Comments, Suggestions?

**"B-VOCAL<sup>SM</sup>**  
with B-Line"

Voice Of the Customer...Actively Listening  
[bvocal@cooperblineline.com](mailto:bvocal@cooperblineline.com)  
618-654-2184 ext. 456

**B-Line**<sup>®</sup>  
SYSTEMS THAT MAKE SENSE

