



**PREFORMED** LINE PRODUCTS  
The connection you can count on.

Simple Protection  
**CUSHION-GRIP™**  
**TWIN SPACER**



 COMMUNICATIONS

 **ENERGY**

 NON-UTILITY



# CUSHION-GRIP™ TWIN SPACER

## Simple Protection

### Field-Proven Elastomer Cushion

The highlight of the CUSHION-GRIP Twin Spacer lies in the elastomer cushions which are secure, and are designed to protect the conductors against bending stresses caused by sub-conductor oscillation and aeolian vibration.

The elastomer material has been successfully used in PLP Spacer Dampers throughout the world since the early 1990's.

### Laboratory Tested

The CUSHION-GRIP Twin Spacer has been successfully tested against the stringent performance requirements (both mechanical and electrical) of IEC Specification IEC 61854.

### Simple Installation, Even With Hot Sticks

The single break-away bolt makes installation simple, with work holes which facilitate hot stick installation.

The break-away bolt is tapered at the end to fully engage the sliding frame halves and compress the elastomer cushions.

The bolt is molybdenum-coated to provide consistent installation torque. Also, the spacer includes a bright spot in the center of the lower head that indicates when the break-away head has been snapped off.

### Placement is the Key to Performance

Extensive experience, coupled with laboratory and field testing, allow PLP to provide placement recommendations based on the latest industry guidelines that are designed to minimize the motion of the bundle.

### Specifications

Material:

High strength aluminum alloy

Strength:

Compression exceeds 2500# (1134 kg)

Tension exceeds 1000# (454 kg)

### Features and Benefits

- No loose parts - shipped fully assembled
- Simple to install
- Field-proven elastomer cushions protect conductors
- Breakaway bolt provides proper installation torque

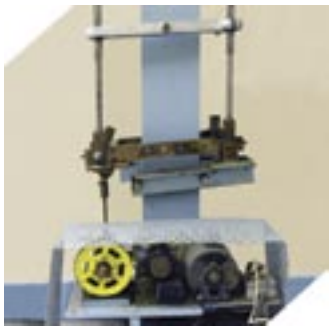
### You Can Depend on PLP

PREFORMED™ products undergo a series of tests conducted in our laboratory, which is one of the industry's most advanced testing centers.

Combine these capabilities with our experienced engineering and field-support staff, and you have PLP reliability. That's why PLP has been a dependable supplier since 1947.

### CUSHION-GRIP Twin Spacer

The CUSHION-GRIP Twin Spacer has two available versions of elastomer inserts. For standard applications (i.e., conductor operating temperature up to 125°C) use the catalog number listed below. For applications on high temperature conductors (i.e., conductor operating temperature up to 200°C) add HT to the catalog number below (e.g., CGTS-0112 HT).



**PREFORMED**  
LINE PRODUCTS

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Catalog Number	Conductor Range Inches (mm)	Nominal Conductor Size (Kcmil)
CGTS-0101	0.673 - 0.713 (17 - 18)	336.4
CGTS-0102	0.714 - 0.752 (18 - 19)	336.4, 397.5
CGTS-0103	0.753 - 0.791 (19 - 20)	397.5
CGTS-0104	0.792 - 0.831 (20 - 21)	477
CGTS-0105	0.832 - 0.870 (21 - 22)	477
CGTS-0106	0.871 - 0.909 (22 - 23)	477, 556.5
CGTS-0107	0.910 - 0.949 (23 - 24)	556.5
CGTS-0108	0.950 - 0.988 (24 - 25)	605
CGTS-0109	0.989 - 1.028 (25 - 26)	605, 636
CGTS-0110	1.029 - 1.067 (26 - 27)	715.5, 795
CGTS-0111	1.068 - 1.106 (27 - 28)	795
CGTS-0112	1.107 - 1.146 (28 - 29)	795
CGTS-0113	1.147 - 1.185 (29 - 30)	954
CGTS-0114	1.186 - 1.224 (30 - 31)	954, 1023.5
CGTS-0115	1.225 - 1.264 (31 - 32)	1033.5, 1113
CGTS-0116	1.265 - 1.303 (32 - 33)	1113, 1192.5
CGTS-0117	1.304 - 1.345 (33 - 34)	1192.5, 1272

Catalog Number	Conductor Range Inches (mm)	Nominal Conductor Size (Kcmil)
CGTS-0118	1.346 - 1.382 (34 - 35)	1272
CGTS-0119	1.383 - 1.421 (35 - 36)	1351.5
CGTS-0120	1.422 - 1.461 (36 - 37)	1431
CGTS-0121	1.462 - 1.500 (37 - 38)	1510.5
CGTS-0122	1.501 - 1.539 (38 - 39)	1590
CGTS-0123	1.540 - 1.579 (39 - 40)	1590
CGTS-0124	1.580 - 1.618 (40 - 41)	1780
CGTS-0125	1.619 - 1.657 (41 - 42)	1780
CGTS-0126	1.658 - 1.697 (42 - 43)	2034
CGTS-0127	1.698 - 1.736 (43 - 44)	2034
CGTS-0128	1.737 - 1.776 (44 - 45)	2116.7
CGTS-0129	1.776 - 1.821 (45 - 46)	2312