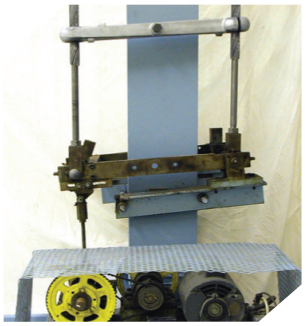
PREFORMED LINE PRODUCTS
The connection you can count on.

Simple Protection

CUSHION-GRIP® TWIN SPACER

COMMUNICATIONS ENERGY SPECIAL INDUSTRIES SOLAR



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 molybenum-coated to provide consistant 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
- Break-away bolt provides proper installation torque

You Can Depend on PLP

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

Combine these capabilities with PLP's 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 250°C), add HT to the catalog number below (e.g., CGTS-0112 HT). Standard spacing is 18" (457 mm). Also available in 13" (330 mm) spacing. Add - 13 to the catalog number below (e.g., CGTS-0112-13 or CGTS-0112-13 HT).

Catalog Number	Diameter 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, 556.6
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, 1033. 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	Diameter 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)	2156
CGTS-0129	1.776 - 1.821 (45-46)	2312, 2493

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