

ARMOR-GRIP Suspension



General Recommendations



The Preformed Armor-Grip Suspension unit is intended for use on all material types and conductor constructions. Designed to reduce the static and dynamic stresses at the support point so that the conductor is protected against the effects of conductor motion. It also protects the conductor in the support area against impulse and power flash-over arcing.

The Preformed Armor-Grip Suspension is superior to bolted alternating combinations for protecting conductors from bending, compression stress and abrasion.

Line Repairs:

Where a conductor has been damaged by a bolted clamp, The Preformed Armor-Grip Suspension can be used in the repair. All Armor-Grip Suspensions can be applied over Preformed type armor rods to restore and extend the life of the conductor.

Line Angle:

The maximum recommended line angle for a single support AGS is 30°. For angles between 30° and 60°, the Armor-Grip Suspension Double Assembly is recommended.

SAFETY CONSIDERATIONS

- This product is intended for a single (one-time) use and for the specified application, although it may be re-applied twice for retensioning within 90 days from initial installation.
- Do not modify this product in any way.
- This product is intended for use by qualified linesmen only.
- When working in the area of energised line with this product, extra care should be taken to prevent accidental electrical contact.
- For proper performance and personal safety, be sure to select the proper size PREFORMED™ products before application.
- PREFORMED™ products are precision devices. To ensure proper performance, they should be stored in cartons under cover and handled carefully.

ARMOR-GRIP Suspension



AGS 8 Series for AAC, AAAC, ACSR



AGS-8

Part Number (Single Unit)	Part Number (Double Unit)	Conductor Diameter Range (mm)	Colour Code
AGS-8097	AGS-8797	6.90 - 7.19	Blue
AGS-8098	AGS-8798	7.20 - 7.49	Red
AGS-8099	AGS-8799	7.50 - 7.69	Blue
AGS-8100	AGS-8800	7.70 - 7.99	Brown
AGS-8101	AGS-8801	8.00 - 8.29	White
AGS-8102	AGS-8802	8.30 - 8.69	Orange
AGS-8103	AGS-8803	8.70 - 8.99	Black
AGS-8104	AGS-8804	9.00 - 9.49	Red
AGS-8105	AGS-8805	9.50 - 9.89	Orange
AGS-8106	AGS-8806	9.90 - 10.29	Blue
AGS-8107	AGS-8807	10.30 - 10.59	Brown
AGS-8108	AGS-8808	10.60 - 10.99	Green
AGS-8109	AGS-8809	11.00 - 11.39	Black
AGS-8110	AGS-8810	11.40 - 11.89	White
AGS-8111	AGS-8811	11.90 - 12.19	Green
AGS-8112	AGS-8812	12.20 - 12.80	Blue

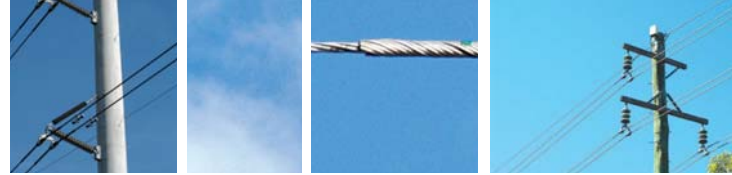
Note: 80 and 81 are single units, 87 and 88 are double units, 8 Series use a 16 mm bolt and a pressed metal housing with aluminium rods.

Double AGS Suspension is used where the turning angle is greater than 30° and up to 60°. A triangular Yoke Plate is used with Double AGS.



AGS-8

ARMOR-GRIP Suspension



AGS 5 Series AAC, AAAC, ACSR



AGS-51

Part Number (Single Unit)	Part Number (Double Unit)	Conductor Diameter Range (mm)	Colour Code
AGS-5102	AGS-5802	13.48 - 13.77	Green
AGS-5103	AGS-5803	13.78 - 14.09	Brown
AGS-5104	AGS-5804	14.10 - 14.59	Blue
AGS-5105	AGS-5805	14.60 - 15.09	Red
AGS-5106	AGS-5806	15.10 - 15.39	Orange
AGS-5107	AGS-5807	15.40 - 15.79	Purple
AGS-5108	AGS-5808	15.80 - 16.39	Orange
AGS-5109	AGS-5809	16.40 - 17.09	Black
AGS-5110	AGS-5810	17.10 - 17.59	Blue
AGS-5111	AGS-5811	17.60 - 18.09	Yellow
AGS-5112	AGS-5812	18.10 - 18.59	Black
AGS-5113	AGS-5813	18.60 - 19.09	Black
AGS-5114	AGS-5814	19.10 - 19.59	White
AGS-5115	AGS-5815	19.60 - 20.19	Orange
AGS-5116	AGS-5816	20.20 - 20.99	Brown
AGS-5117	AGS-5817	21.00 - 21.49	Red
AGS-5118	AGS-5818	21.50 - 22.09	Blue
AGS-5119	AGS-5819	22.10 - 22.69	Green
AGS-5120	AGS-5820	22.70 - 23.09	Orange
AGS-5121	AGS-5821	23.10 - 23.39	Yellow
AGS-5122	AGS-5822	23.40 - 23.79	Black
AGS-5123	AGS-5823	23.80 - 24.39	White
AGS-5124	AGS-5824	24.40 - 25.09	Purple
AGS-5125	AGS-5825	25.10 - 25.54	Orange
AGS-5126	AGS-5826	25.55 - 25.99	Purple

For use on: ACSR, AAC, AAAC compacted all aluminium and compacted ACSR. Conductors above 12.8 mm in diameter. Right-hand lay standard. 51 Series are single, 58 Series are double.

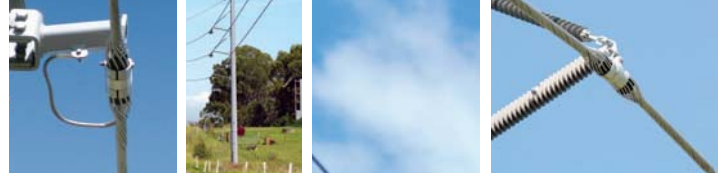
Note: Contact PLP for required bolt size. Available in M16, M18 and M20

Double AGS Suspension is used where the turning angle is greater than 30° and up to 60°. A triangular Yoke Plate is used with Double AGS.



AGS-58

ARMOR-GRIP Suspension



AGS 6 Series - SC/AC



AGS 61

For use on: SC/AC conductors. Left hand lay standard. 61 series are single. Contact PLP for other conductor sizes.

Part Number (Single Unit)	Part Number (Double Unit)	Conductor Stranding	Standard Pack Quantity	Colour Code
AGS-6101-5	AGS-6801	7/2.75	15	White
AGS-6105	AGS-6805	7/3.25	15	Orange
AGS-6109	AGS-6809	7/3.75	15	Black
AGS-6112-16-2	-	7/4.25	-	Brown

Note: Contact PLP for AGS units to suit right hand lay conductors.

AGS 7 Series Galvanised Steel SC/GZ



AGS-71

For use on: Galvanised steel conductors. Right hand lay standard. 71 series are single, 78 series are double. Contact PLP for other conductor sizes.

Part Number (Single Unit)	Part Number (Double Unit)	Conductor Stranding	Standard Pack Quantity	Colour Code
AGS-7101	AGS-7801	7/2.75	15	White
AGS-7105	AGS-7805	7/3.25	15	Orange
AGS-7106	AGS-7806	19/2.00	15	Yellow
AGS-7109	AGS-7809	7/3.75	15	Black

AGS 9 Series Copper



AGS-91

For use on: Copper conductors, right hand lay standard. 91 series are single. Contact PLP for double units.

Part Number	Conductor Stranding	Standard Pack Quantity	Colour Code
AGS-9101	7/2.75	7	Blue
AGS-9105	7/1.62	7	Orange
AGS-9107	19/2.10	7	Orange
AGS-9109	7/2.00	7	
AGS-9110	19/2.33	7	Green
AGS-9112	7/2.64	7	Blue