



**Ampliversal** 

TERMINALS • TOOLING • CABLE ACCESSORIES

**tyco**

Electronics

# Nylon Cable Glands

Available in both Metric and PG thread versions

Made from Polyamide 6

VDE Approved

IP68 Ingress Protection

Available in Red, White, Black and Grey

## PG Nylon Cable Glands

### PG Nylon Cable Gland Pack

Complete with Locknuts fitted

| Thread Size | Cable Diameter | Overall Length | Pack Quantity | Part no. Replace • for Col. | Red | White | Black | Grey |
|-------------|----------------|----------------|---------------|-----------------------------|-----|-------|-------|------|
| PG7         | 3.0-6.5mm      | 15mm           | 10            | ACGPG7•                     | RED | WHT   | BLK   | GRY  |
| PG9         | 4.0-8.0mm      | 19mm           | 10            | ACGPG9•                     | RED | WHT   | BLK   | GRY  |
| PG11        | 5.0-10.0mm     | 22mm           | 10            | ACGPG11•                    | RED | WHT   | BLK   | GRY  |
| PG13.5      | 6.0-12.0mm     | 27mm           | 10            | ACGPG135•                   | RED | WHT   | BLK   | GRY  |
| PG16        | 10.0-14.0mm    | 27mm           | 10            | ACGPG16•                    | RED | WHT   | BLK   | GRY  |
| PG21        | 13.0-18.0mm    | 33mm           | 10            | ACGPG21•                    | RED | WHT   | BLK   | GRY  |
| PG29        | 18.0-25.0mm    | 42mm           | 10            | ACGPG29•                    | RED | WHT   | BLK   | GRY  |
| PG36        | 22.0-32.0mm    | 53mm           | 5             | ACGPG36•                    | RED | WHT   | BLK   | GRY  |
| PG42        | 30.0-38.0mm    | 60mm           | 5             | ACGPG42•                    | RED | WHT   | BLK   | GRY  |
| PG48        | 34.0-44.0mm    | 65mm           | 5             | ACGPG48•                    | RED | WHT   | BLK   | GRY  |



### PG Nylon Locknut

Spare Packs for replacement or when two locknuts are required

| Thread Size | Pack Quantity | Part no. Replace • for Col. | Red | White | Black | Grey |
|-------------|---------------|-----------------------------|-----|-------|-------|------|
| PG7         | 10            | APLNPG7•                    | RED | WHT   | BLK   | GRY  |
| PG9         | 10            | APLNPG9•                    | RED | WHT   | BLK   | GRY  |
| PG11        | 10            | APLNPG11•                   | RED | WHT   | BLK   | GRY  |
| PG13.5      | 10            | APLNPG135•                  | RED | WHT   | BLK   | GRY  |
| PG16        | 10            | APLNPG16•                   | RED | WHT   | BLK   | GRY  |
| PG21        | 10            | APLNPG21•                   | RED | WHT   | BLK   | GRY  |
| PG29        | 10            | APLNPG29•                   | RED | WHT   | BLK   | GRY  |
| PG36        | 5             | APLNPG36•                   | RED | WHT   | BLK   | GRY  |
| PG42        | 5             | APLNPG42•                   | RED | WHT   | BLK   | GRY  |
| PG48        | 5             | APLNPG48•                   | RED | WHT   | BLK   | GRY  |



### Black Nylon PG to Metric Adaptors

| Thread Size  | Pack Quantity | Part no.         |
|--------------|---------------|------------------|
| PG7 x M12    | 5             | ACGAPG7 x M12    |
| PG7 x M16    | 5             | ACGAPG7 x M16    |
| PG9 x M12    | 5             | ACGAPG9 x M12    |
| PG9 x M16    | 5             | ACGAPG9 x M16    |
| PG11 x M16   | 5             | ACGAPG11 x M16   |
| PG11 x M20   | 5             | ACGAPG11 x M20   |
| PG13.5 x M16 | 5             | ACGAPG13.5 x M16 |
| PG13.5 x M20 | 5             | ACGAPG13.5 x M20 |
| PG13.5 x M25 | 5             | ACGAPG13.5 x M25 |
| PG16 x M20   | 5             | ACGAPG16 x M20   |
| PG16 x M25   | 5             | ACGAPG16 x M25   |
| PG21 x M25   | 5             | ACGAPG21 x M25   |
| PG21 x M32   | 5             | ACGAPG21 x M32   |
| PG29 x M32   | 5             | ACGAPG29 x M32   |
| PG29 x M40   | 5             | ACGAPG29 x M40   |



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# Metric Nylon Cable Glands

## Metric Nylon Cable Gland Pack

Complete with Locknuts fitted

| Thread Size | Cable Diameter | Thread Length | Overall Length | Pack Quantity | Part no. Replace • for Col. | Red | White | Black | Grey |
|-------------|----------------|---------------|----------------|---------------|-----------------------------|-----|-------|-------|------|
| 12          | 3.0-6.5mm      | 8mm           | 15mm           | 10            | ACGM12•                     | RED | WHT   | BLK   | GRY  |
| 16          | 5.0-10.0mm     | 10mm          | 22mm           | 10            | ACGM16•                     | RED | WHT   | BLK   | GRY  |
| 20          | 6.0-12.0mm     | 10mm          | 24mm           | 10            | ACGM20•                     | RED | WHT   | BLK   | GRY  |
| 20          | 10.0-14.0mm    | 10mm          | 27mm           | 10            | ACGM20L•                    | RED | WHT   | BLK   | GRY  |
| 25          | 13.0-18.0mm    | 10mm          | 33mm           | 10            | ACGM25•                     | RED | WHT   | BLK   | GRY  |
| 32          | 18.0-25.0mm    | 18mm          | 42mm           | 10            | ACGM32•                     | RED | WHT   | BLK   | GRY  |
| 40          | 22.0-32.0mm    | 18mm          | 53mm           | 5             | ACGM40•                     | RED | WHT   | BLK   | GRY  |
| 50          | 30.0-38.0mm    | 18mm          | 60mm           | 5             | ACGM50•                     | RED | WHT   | BLK   | GRY  |
| 63          | 34.0-44.0mm    | 18mm          | 65mm           | 5             | ACGM63•                     | RED | WHT   | BLK   | GRY  |



## Metric Nylon Locknut

Spare Packs for replacement or when two locknuts are required

| Thread Size | Pack Quantity | Part no. Replace • for Col. | Red | White | Black | Grey |
|-------------|---------------|-----------------------------|-----|-------|-------|------|
| 12mm        | 10            | APLNM12•                    | RED | WHT   | BLK   | GRY  |
| 16mm        | 10            | APLNM16•                    | RED | WHT   | BLK   | GRY  |
| 20mm        | 10            | APLNM20•                    | RED | WHT   | BLK   | GRY  |
| 25mm        | 10            | APLNM25•                    | RED | WHT   | BLK   | GRY  |
| 32mm        | 10            | APLNM32•                    | RED | WHT   | BLK   | GRY  |
| 40mm        | 5             | APLNM40•                    | RED | WHT   | BLK   | GRY  |
| 50mm        | 5             | APLNM50•                    | RED | WHT   | BLK   | GRY  |
| 63mm        | 5             | APLNM63•                    | RED | WHT   | BLK   | GRY  |



## Black Nylon Metric to PG Adaptors

| Thread Size | Pack Quantity | Part no.         |
|-------------|---------------|------------------|
| M12 x PG7   | 5             | ACGAM12 x PG7    |
| M12 x PG9   | 5             | ACGAM12 x PG9    |
| M16 x PG9   | 5             | ACGAM16 x PG9    |
| M20 x PG11  | 5             | ACGAM20 x PG11   |
| M20 x 13.5  | 5             | ACGAM20 x PG13.5 |
| M20 x PG16  | 5             | ACGAM20 x PG16   |
| M25 x PG16  | 5             | ACGAM25 x PG16   |
| M25 x PG21  | 5             | ACGAM25 x PG21   |
| M32 x PG29  | 5             | ACGAM32 x PG29   |
| M40 x PG29  | 5             | ACGAM40 x PG29   |
| M50 x PG36  | 5             | ACGAM50 x PG36   |
| M50 x PG32  | 5             | ACGAM50 x PG32   |
| M63 x PG48  | 5             | ACGAM63 x PG48   |





# Gland Selection Guide

## Brass Cable Glands

BW and CW versions

BW suitable for dry indoor conditions

CW suitable for indoor and outdoor conditions

Tested and approved to BS6121 pt1

Manufactured in cast brass to BS2874 and defect free

Supplied in Kit form with Shrouds, Earth Tags and Steel Locknuts

Standard 1.5mm Thread Pitch

Data and Specifications subject to change without notice

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# Gland Selection Guide

## Gland Selection Guide

| Nominal Conductor Area (mm <sup>2</sup> ) | Number of Cores |     |     |     |     |  |    |    |    |    |    |    |
|---|-----------------|-----|-----|-----|-----|--|----|----|----|----|----|----|
|   | 1               | 2   | 3   | 4   | 5   | 7  | 10 | 12 | 19 | 27 | 37 | 48 |
| 1.5                                       | -               | 16  | 16  | 20S | 20S | 20   | 20 | 25 | 25 | 32 | 32 | 32 |
| 2.5                                       | -               | 20S | 20S | 20S | 20  | 20   | 25 | 25 | 25 | 32 | 40 | 40 |
| 4   | -               | 20S | 20S | 20  | 20  | 20   | 25 | 25 | 32 | 40 | 40 | 50 |
| 6   | -               | 20  | 20  | 20  | 20  | <p>The Gland sizes recommended in this chart are for guidance only and are based on cables manufactured to BS 5467.</p> <p>In accordance with BS 6121 <b>Actual</b> Cable dimensions must be used for Gland selection.</p> |    |    |    |    |    |    |
| 10  | -               | 20  | 20  | 25  | 25  |  |    |    |    |    |    |    |
| 16  | -               | 25  | 25  | 25  | 25  |  |    |    |    |    |    |    |
| 25  | -               | 25  | 32  | 32  | 32  |  |    |    |    |    |    |    |
| 35  | -               | 32  | 32  | 32  | 40  |  |    |    |    |    |    |    |
| 50  | 20              | 25  | 32  | 32  | 50  |  |    |    |    |    |    |    |
| 70  | 20              | 32  | 32  | 40  | 50  |  |    |    |    |    |    |    |
| 95  | 25              | 32  | 40  | 50S |     |  |    |    |    |    |    |    |
| 120                                       | 25              | 40  | 50S | 50  |     |  |    |    |    |    |    |    |
| 150                                       | 32              | 40  | 50S | 50  |     |  |    |    |    |    |    |    |
| 185                                       | 32              | 50S | 50  | 63S |     |  |    |    |    |    |    |    |
| 240                                       | 32              | 50  | 63S | 63  |     |  |    |    |    |    |    |    |
| 300                                       | 40              | 63S | 63  | 75S |     |  |    |    |    |    |    |    |
| 400                                       | 40              | 63S | 75S | 75  |     |  |    |    |    |    |    |    |

All dimensions in mm - for additional dimensional detail, contact local sales office



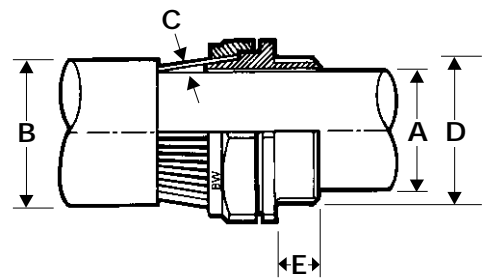
BW and CW Brass Gland Packs come complete with Glands, Shrouds, Locknuts, Seals and Earth Tags

# Brass Cable Gland Packs

## BW Industrial Brass Gland Pack

Suitable for dry indoor conditions

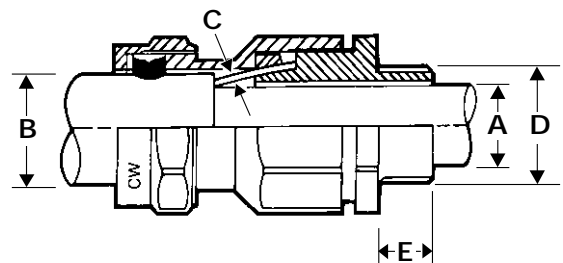
| Gland Size | Standard Entry Thread (D) | Min. Thread Length (E) | Cable Diameter Max (A) | Cable Diameter Max (B) | Armour Wire Diameter (C) | Part no. |
|------------|---------------------------|------------------------|------------------------|------------------------|--------------------------|----------|
| 16         | 16                        | 10                     | 8.6                    | 13.5                   | 0.9                      | ABW16    |
| 20S        | 20                        | 10                     | 11.6                   | 16.1                   | 0.9/1.25                 | ABW20S   |
| 20         | 20                        | 10                     | 13.9                   | 21.1                   | 0.9/1.25                 | ABW20    |
| 25         | 25                        | 10                     | 19.9                   | 27.4                   | 1.25/1.60                | ABW25    |
| 32         | 32                        | 10                     | 26.2                   | 34.4                   | 1.60/2.00                | ABW32    |
| 40         | 40                        | 15                     | 32.1                   | 42.4                   | 1.60/2.00                | ABW40    |
| 50S        | 50                        | 15                     | 38.1                   | 50.1                   | 2.00/2.50                | ABW50S   |
| 50         | 50                        | 15                     | 44.0                   | 55.7                   | 2.00/2.50                | ABW50    |
| 63S        | 63                        | 15                     | 50.0                   | 62.4                   | 2.50                     | ABW63S   |
| 63         | 63                        | 15                     | 55.9                   | 68.2                   | 2.50                     | ABW63    |
| 75S        | 75                        | 15                     | 61.9                   | 76.8                   | 2.50                     | ABW75S   |
| 75         | 75                        | 15                     | 67.9                   | 82.9                   | 2.50/3.00                | ABW75    |



## CW Industrial Brass Gland Pack

Suitable for indoor and outdoor conditions

| Gland Size | Standard Entry Thread (D) | Min. Thread Length (E) | Cable Diameter Max (A) | Cable Diameter (B) |       | Armour Wire Diameter (C) | Part no. |
|------------|---------------------------|------------------------|------------------------|--------------------|-------|--------------------------|----------|
|            |                           |                        |                        | Min                | Max   |                          |          |
| 16         | 16                        | 10                     | 8.6                    | 8.85               | 13.35 | 0.9                      | ACW16    |
| 20S        | 20                        | 10                     | 11.6                   | 11.4               | 15.9  | 0.9/1.25                 | ACW20S   |
| 20         | 20                        | 10                     | 13.9                   | 15.0               | 20.9  | 0.9/1.25                 | ACW20    |
| 25         | 25                        | 10                     | 19.9                   | 20.3               | 27.4  | 1.25/1.60                | ACW25    |
| 32         | 32                        | 10                     | 26.2                   | 26.0               | 33.9  | 1.60/2.00                | ACW32    |
| 40         | 40                        | 15                     | 32.1                   | 31.0               | 40.4  | 1.60/2.00                | ACW40    |
| 50S        | 50                        | 15                     | 38.1                   | 36.5               | 46.7  | 2.00/2.50                | ACW50S   |
| 50L        | 50                        | 15                     | 44.0                   | 43.0               | 53.1  | 2.00/2.50                | ACW50    |
| 63S        | 63                        | 15                     | 50.0                   | 48.9               | 59.4  | 2.50                     | ACW63S   |
| 63         | 63                        | 15                     | 55.9                   | 58.0               | 65.9  | 2.50                     | ACW63    |
| 75S        | 75                        | 15                     | 61.9                   | 60.6               | 72.1  | 2.50                     | ACW75S   |
| 75         | 75                        | 15                     | 67.9                   | 64.9               | 78.5  | 2.50/3.15                | ACW75    |



# Brass Cable Gland Accessories

## Brass Cable Gland Accessories

### CW PVC Shroud

| Size  | Pack Quantity | Part no. |
|-------|---------------|----------|
| 16mm  | 2             | APS16CW  |
| 20mmS | 2             | APS20CWS |
| 20mm  | 2             | APS20CW  |
| 25mm  | 2             | APS25CW  |
| 32mm  | 2             | APS32CW  |
| 40mm  | 2             | APS40CW  |
| 50mmS | 2             | APS50CWS |
| 50mm  | 2             | APS50CW  |
| 63mmS | 2             | APS63CWS |
| 63mm  | 2             | APS63CW  |
| 75mmS | 2             | APS75CWS |
| 75mm  | 2             | APS75CW  |



### BW PVC Shroud

| Size  | Pack Quantity | Part no. |
|-------|---------------|----------|
| 16mm  | 2             | APS16BW  |
| 20mmS | 2             | APS20BWS |
| 20mm  | 2             | APS20BW  |
| 25mm  | 2             | APS25BW  |
| 32mm  | 2             | APS32BW  |
| 40mm  | 2             | APS40BW  |
| 50mmS | 2             | APS50BWS |
| 50mm  | 2             | APS50BW  |
| 63mmS | 2             | APS63BWS |
| 63mm  | 2             | APS63BW  |
| 75mmS | 2             | APS75BWS |
| 75mm  | 2             | APS75BW  |



### LSF Shroud for CW Glands

| Size  | Pack Quantity | Part no.     |
|-------|---------------|--------------|
| 16mm  | 10            | APS16CW-LSF  |
| 20mmS | 10            | APS20CWS-LSF |
| 20mm  | 10            | APS20CW-LSF  |
| 25mm  | 10            | APS25CW-LSF  |
| 32mm  | 10            | APS32CW-LSF  |
| 40mm  | 4             | APS40CW-LSF  |
| 50mmS | 4             | APS50CWS-LSF |
| 50mm  | 4             | APS50CW-LSF  |
| 63mmS | 4             | APS63CWS-LSF |
| 63mm  | 4             | APS63CW-LSF  |
| 75mmS | 2             | APS75CWS-LSF |
| 75mm  | 2             | APS75CW-LSF  |



### LSF Shroud for BW Glands

| Size  | Pack Quantity | Part no.     |
|-------|---------------|--------------|
| 16mm  | 10            | APS16BW-LSF  |
| 20mmS | 10            | APS20BWS-LSF |
| 20mm  | 10            | APS20BW-LSF  |
| 25mm  | 10            | APS25BW-LSF  |
| 32mm  | 10            | APS32BW-LSF  |
| 40mm  | 4             | APS40BW-LSF  |
| 50mmS | 4             | APS50BWS-LSF |
| 50mm  | 4             | APS50BW-LSF  |
| 63mmS | 4             | APS63BWS-LSF |
| 63mm  | 4             | APS63BW-LSF  |
| 75mmS | 2             | APS75BWS-LSF |
| 75mm  | 2             | APS75BW-LSF  |



## Washer and Seal Kit

| Size  | Pack Quantity | Part no. |
|-------|---------------|----------|
| 16mm  | 10/10         | ACGS16   |
| 20mmS | 10/10         | ACGS20S  |
| 20mm  | 10/10         | ACGS20   |
| 25mm  | 10/10         | ACGS25   |
| 32mm  | 10/10         | ACGS32   |
| 40mm  | 10/10         | ACGS40   |
| 50mmS | 5/5           | ACGS50S  |
| 50mm  | 5/5           | ACGS50   |
| 63mmS | 5/5           | ACGS63S  |
| 63mm  | 5/5           | ACGS63   |
| 75mmS | 5/5           | ACGS75S  |
| 75mm  | 5/5           | ACGS75   |



Contains 10 washers + 10 Seals  
or 5 washers + 5 seals

## Brass Earth Tag

| Size | Pack Quantity | Part no. |
|------|---------------|----------|
| 16mm | 5             | AET16    |
| 20mm | 5             | AET20    |
| 25mm | 5             | AET25    |
| 32mm | 5             | AET32    |
| 40mm | 5             | AET40    |
| 50mm | 5             | AET50    |
| 63mm | 5             | AET63    |
| 75mm | 5             | AET75    |



## Steel Lock Nut

| Size | Pack Quantity | Part no. |
|------|---------------|----------|
| 16mm | 4             | ASLN16   |
| 20mm | 4             | ASLN20   |
| 25mm | 4             | ASLN25   |
| 32mm | 4             | ASLN32   |
| 40mm | 4             | ASLN40   |
| 50mm | 4             | ASLN50   |
| 63mm | 4             | ASLN63   |
| 75mm | 4             | ASLN75   |



## Brass Lock Nut

| Size | Pack Quantity | Part no. |
|------|---------------|----------|
| 16mm | 4             | ABLN16   |
| 20mm | 4             | ABLN20   |
| 25mm | 4             | ABLN25   |
| 32mm | 4             | ABLN32   |
| 40mm | 4             | ABLN40   |
| 50mm | 4             | ABLN50   |
| 63mm | 4             | ABLN63   |
| 75mm | 4             | ABLN75   |



Trade Counter Stand Available



## The Ampliversal Range



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Overview



Cable Glands



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& Bases



Schrack  
PT Relays



Industrial  
Control Stations

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