

# Alco

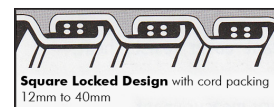
## Anaconda AEF Type Conduit

|                          |  |
|--------------------------|--|
| <b>Applications</b>      | Provides cable protection in harsh environments  |
| <b>Function</b>          | Provides dust and liquid tight protection of cables  |
| <b>Features</b>          | <p>Extra flexible all-purpose wiring conduit with galvanised steel core</p> <p>Durable, sunlight resistant, grey thermoplastic PVC cover</p> <p>Uses standard liquid-tight fittings for easy installation</p> <p>Smooth appearing cover for exposed applications with convenient markings in feet</p> <p>No copper ground wire</p> |
| <b>Approvals</b>         | IP67 rating when installed with approved connectors  |
| <b>Temperature Range</b> | -15°C to +60°C   |



### TECHNICAL DATA:

| CLASSIFICATION                                     | VALUE | DESCRIPTION                                    |
|--|-------|--|
| Compression resistance                             | 4     | Heavy (1250 N)                                 |
| Impact resistance                                  | 4     | Heavy (6J)                                     |
| Minimum temperature                                | 3     | -15°C  |
| Maximum temperature                                | 1     | +60°C  |
| Bending resistance                                 | 4     | Flexible                                       |
| Electrical properties                              | 3     | With continuity and insulating characteristics |
| Resistance to ingress of solid Foreign objects (I) | 6     | Protected against dust (dustproof)             |
| Resistance to ingress of water (P)                 | 7     | Watertight (1 metre deep, 30 min.)             |
| Corrosion resistance Inside/outside                | 3     | Medium/High                                    |
| Tensile Strength                                   | 4     | Heavy (1000 N)                                 |
| Resistance to flame propagation                    | 1     | Non-flame propagating                          |
| Suspended load capacity                            | 0     | None declared                                  |



\*For extended classification info see page 78

### SPECIFICATIONS:

| PART NUMBER | CONDUIT SIZE |        | INSIDE DIAMETER (mm) | OUTSIDE DIAMETER (mm) | APPROX INSIDE BEND DIA (mm) | WEIGHT (KG/30M) | THREAD SIZE (mm) | LENGTH (M) | SUITABLE FITTING PART NUMBER |                            |                            |
|-------------|--------------|--------|----------------------|-----------------------|-----------------------------|-----------------|------------------|------------|------------------------------|----------------------------|----------------------------|
|             | mm           | INCHES |                      |                       |                             |                 |                  |            | STRAIGHT                     | 45°                        | 90°                        |
| AEF14-15    | 10           | ¼      | 6.2                  | 11.3                  | 43.2                        | 6.3             | 10               | 15         | N/A                          | N/A                        | N/A                        |
| AEF516-15   | 12           | 5/16   | 9.9                  | 14.2                  | 50.8                        | 6.8             | 12               | 15         | N/A                          | N/A                        | N/A                        |
| AEF38-15    | 16           | 3/8    | 12.3                 | 17.5                  | 50.8                        | 9.5             | 16               | 15         | C16/M16<br>C16/M20           | C16/M16/45A<br>C16/M20/45A | C16/M16/90A<br>C16/M20/90A |
| AEF38-30    | 16           | 3/8    | 12.3                 | 17.5                  | 50.8                        | 9.5             | 16               | 30         | C16/M16<br>C16/M20           | C16/M16/45A<br>C16/M20/45A | C16/M16/90A<br>C16/M20/90A |
| AEF12-15    | 20           | ½      | 15.7                 | 20.8                  | 63.5                        | 11.3            | 20               | 15         | C20/M20                      | C20/M20/45A                | C20/M20/90A                |
| AEF12-30    | 20           | ½      | 15.7                 | 20.8                  | 63.5                        | 11.3            | 20               | 30         | C20/M20                      | C20/M20/45A                | C20/M20/90A                |
| AEF34-15    | 25           | ¾      | 20.7                 | 26.2                  | 76.2                        | 17.7            | 25               | 15         | C25/M25                      | C25/M25/45A                | C25/M25/90A                |
| AEF34-30    | 25           | ¾      | 20.7                 | 26.2                  | 76.2                        | 17.7            | 25               | 30         | C25/M25                      | C25/M25/45A                | C25/M25/90A                |
| AEF100-15   | 32           | 1      | 26.2                 | 32.8                  | 101.6                       | 23.1            | 32               | 15         | C32/M32                      | C32/M32/45A                | C32/M32/90A                |
| AEF100-30   | 32           | 1      | 26.2                 | 32.8                  | 101.6                       | 23.1            | 32               | 30         | C32/M32                      | C32/M32/45A                | C32/M32/90A                |
| AEF114-15   | 40           | 1¼     | 34.7                 | 41.5                  | 114.3                       | 29.9            | 40               | 15         | C40/M40                      | C40/M40/45A                | C40/M40/90A                |
| AEF112-15   | 50           | 1½     | 40.0                 | 47.4                  | 139.7                       | 47.2            | 50               | 15         | C50/M50                      | C50/M50/45A                | C50/M50/90A                |
| AEF200-15   | 63           | 2      | 51.3                 | 59.5                  | 177.8                       | 61.7            | 63               | 15         | C63/M63                      | C63/M63/45A                | C63/M63/90A                |
| AEF300      | 95           | 3      | 77.9                 | 87.9                  | 381.0                       | 115.7           | 95               | 7.62       | B21013000                    | N21013000                  | L21013000                  |
| AEF400      | 128          | 4      | 101.6                | 113.3                 | 431.8                       | 164.2           | 128              | 7.62       | B21014000                    | N21014000                  | L21014000                  |

Note: Larger sizes of conduit available upon request, however lead times apply. Spare grounding cones and seals also available e.g. CT/M20 for 20mm grounding cone and CTS/M20 for 20mm seal. # All dimensions in mm unless otherwise specified.

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