



Flexible protected conduit system range DF DIFLEX made in thermoplastic PVC, classification 2311. In compliance with IEC 61386-1 (CEI 23/80) e IEC 61386-23 (CEI 23/83). The range includes conduit system available in 14 diameter, from 8 to 60 mm in grey, black and blue colour. Suitable for the protection of conductors in fixed or mobile installations in residential applications, and on board operating machinery in industrial applications thanks to its flexibility and resistance to mineral oils. Installation type: exposed on walls and ceilings or for applications inside false ceilings and floating floors.

|                                                                                |                                                |                                                                        |                               |
|--------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------|-------------------------------|
| Colour                                                                         | Grey RAL 7035                                  | Material                                                               | PVC                           |
| Sheath Ø (mm)                                                                  | 28                                             | Glow Wire Test                                                         | 960 °C                        |
| Electrocod                                                                     | 21320                                          | Resistance to compression                                              | 2 (Light - 320 N)             |
| Resistance to impact                                                           | 3 (Medium - 2 J)                               | Resistance to bending                                                  | 4 (Flexible)                  |
| Electrical characteristics                                                     | 2 (With electrical insulating characteristics) | Fire resistance                                                        | Not applicable                |
| Classification                                                                 | 2311                                           | Minimum bend radius                                                    | 10 times the diameter         |
| Insulation resistance                                                          | 100 MΩ a 500 V for 1 minute                    | Dielectric rigidity                                                    | 2000 V a 50 Hz for 15 minutes |
| Protection against ingress of solid objects with revolving and fixed couplings | 5                                              | Protection against ingress of solid objects with conduit-sheath unions | 6                             |
| Protection against ingress of water with revolving and fixed couplings         | 4                                              | Protection against ingress of water with conduit-sheath unions         | 5                             |
| Tensile strength                                                               | 1 (Very light)                                 | Suspended load capacity                                                | 1 (Non-flame propagating)     |
| Standard                                                                       | EN 61386-1 EN 61386-23                         | Family                                                                 | Diflex                        |

### BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

| Saline solution | Acids              |           | Bases              |           | Solvents  |           |           |               | Mineral oil | UV rays   |
|-----------------|--------------------|-----------|--------------------|-----------|-----------|-----------|-----------|---------------|-------------|-----------|
|                 | Concentrated       | Diluted   | Concentrated       | Diluted   | Hexane    | Benzol    | Acetone   | Ethyl alcohol |             |           |
| Resistant       | Limited resistance | Resistant | Limited resistance | Resistant | Resistant | Resistant | Resistant | Not resistant | Resistant   | Resistant |

### DIMENSIONAL

### TECHNICAL SYMBOLOGY

GWT

960 °C



2 (Light - 320 N)



3 (Medium - 2 J)

CLASSIFICATION  
**2311**  
EN 50086  
EN 61386  
2311

### STANDARDS/APPROVALS



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