# Product Data Sheet

# DX30012

## DF Range



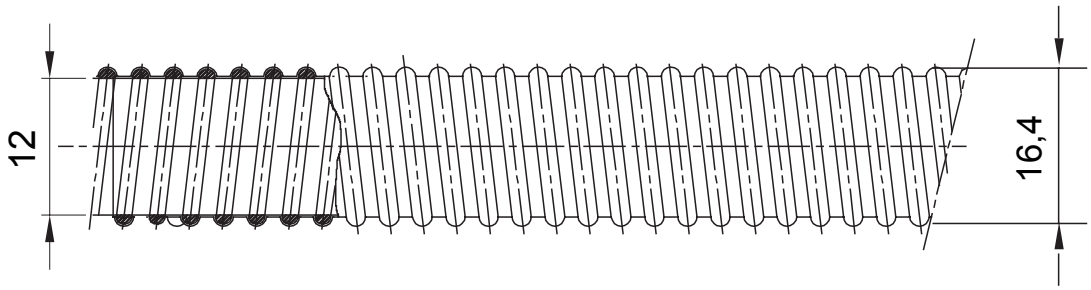
Flexible protected conduit system range DF DIFLEX made in thermoplastic PVC, classification 2311. In compliance with IEC 61386-1 (CEI 23/80) e IEC 61386-23 (CEI 23/83). The range includes conduit system available in 14 diameter, from 8 to 60 mm in grey, black and blue colour. Suitable for for the protection of conductors in fixed or mobile installations in residential applications, and on board operating achinery 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) | 12 | 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 | 1 (Non-flame propagating) |
| 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 | Not applicable |
| Standard | EN 61386-1 EN 61386-23 | Family | Diflex |

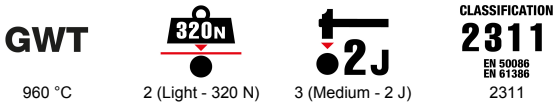
## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

| 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




960 °C | 2 (Light - 320 N) | 3 (Medium - 2 J) | 2311

## STANDARDS/APPROVALS




GEWISS S.p.A. Via A. Volta, 1
24069 Cenate Sotto - Bergamo - Italy
tel. +39 035 94 61 11 fax +39 035 94 69 09
Company subject to the management and coordination of Polifin S.p.A.

www.gewiss.com
sat@gewiss.com
Last update 13/11/2026

Data, measures, designs and pictures are shown only as informative purposes, and could be changed without previous notice