Product Data Sheet

DX30116

DF Range

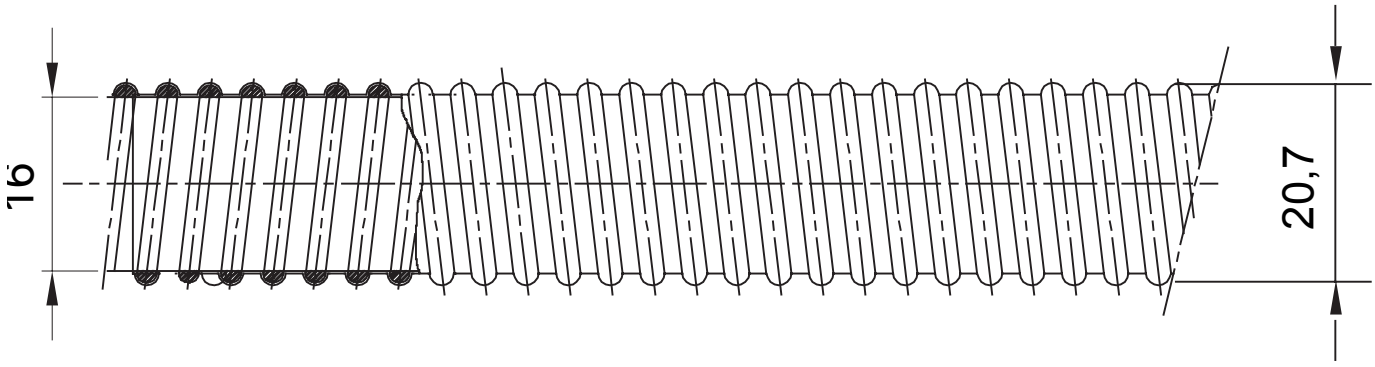
Flexible protected conduit system range DF DIFLEX made in thermoplastic PVC, classification 2311. In compliance with IEC 61386-1 (CEI 23/80) e IEC 61386-23 (CEI 23/83). The range includes conduit system available in 14 diameter, from 8 to 60 mm in grey, black and blue colour. Suitable for for the protection 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	Black RAL 9005	Material	PVC
Sheath Ø (mm)	16	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 500V 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	Diluited	Concentrated	Diluited	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

320N
2 (Light - 320 N)

3 (Medium - 2 J)

CLASSIFICATION
2311
EN 50086
EN 61386
2311

STANDARDS/APPROVALS

GEWISS S.p.A. Via Domenico Bosatelli 1
24069 Cenate Sotto - Bergamo - Italy
tel. +39 035 94 61 11 fax +39 035 94 69 09

www.gewiss.com
sat@gewiss.com
Last update 29/04/2024