

Technical Data Sheet:	DS282/0112
Product Description	Standard weight Polypropylene corrugated flexible conduit
Product Range	FPP- Non-Metallic Conduits

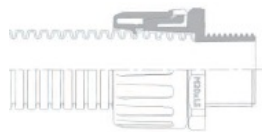
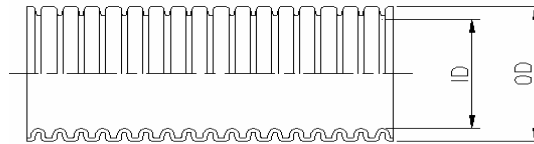
FLEXICON

FLEXIBLE CONDUIT SOLUTIONS

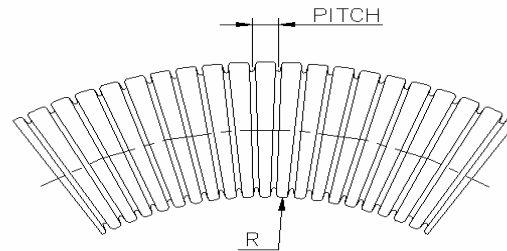
Roman Way, Coleshill
Birmingham
B46 1HG
Tel: 00 44 (0)1675 466900
Website: www.flexicon.uk.com



Above picture illustrates Conduit complete with FPA fitting



Conduit complete with FPA fitting



Material:
Polypropylene

Colour:
Black or
Grey (RAL 7031)
White

Fire Performance:
Self extinguishing

IP Rating:

- IP66 with FPA fittings
- IP66+67+68 with FPAX fittings

Applications:
Buildings, particularly where buried in concrete or plaster.

Acid resistant

Compression Strength:
See Data table

Pull-off (Tensile) strength :
See Data table

Temperature Performance:
-20°C to +90°C

Nominal Size	Pitch F= Fine C= Course	Part No	Dimensions				
			Reel Length (M)	OD (mm)	ID	Min Bend radius R (mm)	Weight g/M
10	F	FPP10#	50	10.0	6.3	15	16
13	F	FPP13#	50	13.0	9.8	25	20
16	F	FPP16#	50	15.8	11.8	35	30
20	C	FPP20#	50	20.0	14.8	40	45
21	F	FPP21#	50	21.2	16.7	40	50
25	C	FPP25#	50	25.0	19.1	50	52
25.4	F	FPP26#	50	25.4	21.4	50	52
28	F	FPP28#	50	28.5	22.8	55	65
34	C	FPP34#	25	34.5	28.1	65	90
42	C	FPP42#	25	42.5	35.5	80	120
54	C	FPP54#	25	54.5	47.2	100	150
67	C	FPP67#	10	67.2	56.3	150	250

NB: # add B for Black or G for Grey

Compliance, Approvals & Accreditation;



EN 61386 Classification Available on request

Typical Applications;



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Created by; Colin Legg - Marketing Manager	Approved by; Ian Gibson - Technical Director	Date; January 2012	Page Number; Page 1 of 2
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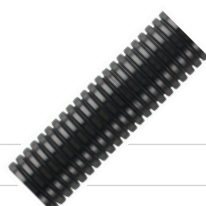
Technical Properties - Fire Performance - Test Performance	
Detail	Rating
Self extinguishing to EN50086-1	Yes
Temperature range	-20°C to +90°C
Compression strength for FPP21	35 Kg/100mm
Pull off strength of fittings for FPA21-M20	25 Kg
IP rating with FPA fittings	IP66
IP Rating with FPAX fittings	IP68 & IP69K
Acid resistant	Yes
RoHS compliant	Yes
Slit version available on request	YES

Other Variations Available	
Flexicon Reference	Description
FPP-NFR RED + BLUE	Red & Blue colour non flame retardant polypropylene conduit- For use in underfloor heating applications
FPPS	Slit Polypropylene corrugated flexible conduit

Other Products available:

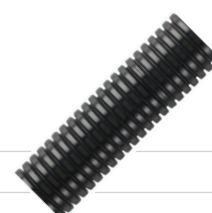
FPAS

Construction: Standard weight, flame retardant nylon (PA6) corrugated flexible conduit. Colour black or grey (RAL 7031). Orange available on request.*
Typical Applications: All types of machinery, public buildings.



FPAL

Construction: Light weight nylon (PA6) corrugated flexible conduit. Colour black or grey (RAL 7031).
Typical Applications: Machines where lower mechanical protection is required and buildings.



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