Data Sheet

DIETZEL UNIVOLT
Cable Management Systems

Item Code: **HFXP-HT**

Description: pliable insulating conduit, halogenfree, corrugated

Properties: medium compression resistance, medium impact resistance

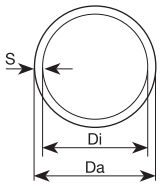
Colour: black, similar to RAL 9005

Fire Behaviour: non flame propagating

Relevant Standard: EN 61386-22
LSF0H compliant according to EN 50267 (zero halogen) and EN 61034 (smoke density)
Approved by DNV

Material	Compression Resistance	Impact Resistance	Classification	Temperature Range	UV Stabilisation
PC	> 750 N	> 2 J	33552	-45 °C/+150 °C	yes

Main Dimensions [mm]:



Nominal Size	Outer Diameter Da	Tolerance	Inner Diameter Di (minimal)
12	12.8	+0.0/-0.3	8.9
16	16.0	+0.0/-0.3	10.3
20	20.0	+0.0/-0.3	13.9
25	25.0	+0.0/-0.4	18.0
32	32.0	+0.0/-0.4	23.5
40	40.0	+0.0/-0.4	30.0
50	50.0	+0.0/-0.5	38.5
63	63.0	+0.0/-0.6	54.0

* Wall thickness refers in case of corrugated conduits to the difference between outer measurement at corrugation peak and inner measurement at corrugation through, not the thickness of material. According to IEC 61386 inner diameter and wall thickness are not defined and up to manufacturer's specification; given values are only approximations and may vary from actual specifications.

All figures refer to standardised test samples and are given to our best knowledge but without further commitment. It is Univolt´s belief that information set forth in this Data Sheet is accurate, Univolt makes no warranty, expressed or implied, with respect thereto and disclaims any liability from reliance thereon. All data are subject to change without prior notice.

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Package Quantity [m]:

Nominal Size	Small Package	Large Package
12	50	4,500
16	50	2,700
20	50	2,700
25	50	1,600
32	25	675
40	25	500
50	25	300
63	25	175

Areas of Recommended Application

Flush mounted (plaster)	▯
Surface mounted	▯
Suitable for installation on wood	▯
Hollow wall	▯
Suitable for concrete installation	
Machine and systems installation	▯
Suitable for subsurface installation (screed)	
Outdoor installation	▯
Underground	

Cold impact and highly temperature resistant protective conduit for installations with increased safety requirements, for concealed cabling and surface installations, for installation on wood or outdoor use (stabilised against UV radiation); especially suitable for power plants, underground lines, computer centres, hotels, hospitals, office, industrial and residential buildings.

The application areas given above represent only recommendations, deviating national or local provisions and regulations have to be observed in any case.

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