

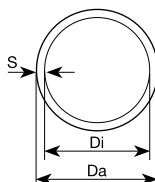
Data Sheet

Item Code:	HFXP Turbo Eco
Description:	pliable/self recovering insulating conduit with sectional corrugation, halogen free, 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 DIN VDE V 0604-2-100 and EN 60754 (zero halogen) and EN 61034 (smoke density)



Material	Compression Resistance	Impact Resistance	Classification	Temperature Range	UV Stabilisation*
PP	> 750 N	> 2 J	33433	-25 °C/+105 °C	yes

Main Dimensions [mm]:



Nominal Size	Outer Diameter Da	Tolerance	Inner Diameter Di (minimal)
16	16.0	+0.0/-0.3	10.0
20	20.0	+0.0/-0.3	13.0
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	38.0

* 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.

Data Sheet

Package Quantity [m]:

Nominal Size	Small Package	Large Package
16	50	2,700
16	100	3,200
20	50	2,700
32	25	675
40	25	500
50	25	300

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, low smoke release, for concealed cabling and surface installations and for installation on wood; suitable for power plants, underground lines, computer centres, hotels, hospitals; resistant against greases, oils, acids, lyes and lubricants.

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

UV-Stabilisation

Outdoors conduits are exposed to varying environmental factors (UV radiation, temperature, humidity ...) These factors are called „weathering“.

UV stability or weathering resistance of plastic materials is tested under laboratory conditions according to DIN EN ISO 4892-3 (this test is also referred to as evaluation of fastness to weathering or resistance to fading): During a time period of 1000 hours conduits are exposed to an average temperature of 50 °C and alternating exposure to UV radiation, water fog and condensation to simulate rain. As the level of solar radiation varies from location to location, it is not possible to give an overall statement on UV-stability under natural conditions. For specific references it would be necessary to know the exact place of installation. In a (mid-)european climate the experimental setup corresponds to the weathering to be expected at protected outside areas during one year.

Dietzel products labelled „UV stable“ can be installed at protected outside areas without direct solar radiation, such as installations in shadowy places or outer walls with only partial exposure to sunlight.