

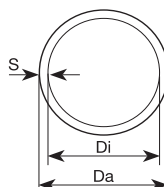
Data Sheet

Item Code:	HFXS
Description:	flexible protective conduit, halogen-free, corrugated
Properties:	light compression resistance, light impact resistance
Colour:	grey, similar to RAL 7001
Fire Behaviour:	non flame propagating
Relevant Standard:	halogen-free according to IEC 60754-1 EN 61386-1; EN 61386-23 Approved by DNV



Material	Compression Resistance	Impact Resistance	Classification	Temperature Range	UV Stabilisation
PA-Blend	> 320 N	> 1 J	22434	-25 °C/+105 °C	limited

Main Dimensions [mm]:



Nominal Size	Outer Diameter Da	Tolerance	Inner Diameter Di (minimal)
12	12.9	+0.0/-0.3	9.1
16	16.0	+0.0/-0.3	10.7
20	20.0	+0.0/-0.3	14.0
25	25.0	+0.0/-0.4	18.1
32	32.0	+0.0/-0.4	24.1
40	40.0	+0.0/-0.4	29.7
50	50.0	+0.0/-0.5	39.0
63	63.0	+0.0/-0.6	54.4

* 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
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	

Highly flexible corrugated conduit from halogen-free, flame retardant and temperature resistant synthetic material (polyamide, PA 6), impact and crush resistant with high tensile strength, for applications requiring high flexibility and oil resistance such as machine construction and apparatus engineering, waggon and ship building, automotive industry, robotics and computer technologies, filling and service stations, sewage treatment plants etc.

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