

# Data sheet

Part No.	<b>HFXS BK</b>
Description	flexible protective conduit, corrugated, halogen-free  light compression resistance, light impact resistance
Colour	black, similar to RAL 9005
Fire Behaviour	non flame propagating
Classification	22434
Compression resistance	> 320 N



Standard: EN 61386-1, EN 61386-23

halogenfrei according to DIN VDE 0604

halogenfree according to EN 50642

halogenfree according to EN 60754



Working temperature	Compressive strength	Degree of protection (IP)	UV-Level*
-25 to +105 °C	320 N	IP54	L2

Art. no.	Outer diameter	Inner diameter	Bending radius	ps	pl
023 654	12 mm	9,2 mm	72 mm	50 m	4500 m
023 655	16 mm	10,7 mm	96 mm	50 m	2700 m
023 656	20 mm	14,1 mm	100 mm	50 m	2700 m
023 657	25 mm	18,3 mm	150 mm	50 m	1600 m
023 658	32 mm	24,3 mm	192 mm	25 m	675 m
023 659	40 mm	31 mm	240 mm	25 m	500 m
023 660	50 mm	38,3 mm	300 mm	25 m	300 m
023 661	63 mm	50,2 mm	378 mm	25 m	175 m

## Areas of Recommended Application

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

## Further technical details

Details	
Halogen free	True
UV resistant	True
Oil resistant	True
Bending strength	Flexible
Lengthwise slotted	False
Closable (two-part)	False
Material	PA-Blend

\*) L1: Indoor use - to avoid UV discoloration (no exposure to direct sunlight).

L2: Partially shaded: Outside, in areas with sun only for two to four hours a day, in shadowy places.

L3: Full sun: To be used also in areas with whole-day exposure to sunlight, e. g. roofs, antenna poles or PV panels.

Civil engineering and road construction products marked "L2" have to be laid in the shortest time possible to ensure color fastness and stability.