HDPE Duct 2x32/27 + 1x40/35 mm



SANBOR HDPE Duct® offers a sustainable and cost-effective alternative without compromising on functionality. Made from a combination of virgin and high-grade recycled HDPE, it is ideal for environmentally conscious projects. The standard ribbed inner surface can also be produced smooth upon request. As our premium product line, duct is the go-to choice when quality and long-term reliability are essential.

COLORS

The color requirement is achieved with a colored outer layer and, optionally an extruded wide colored stripe. Tube color options are as follows.



OPTIONAL

- Ribbed or Smooth Wall
- Custom marking



Sanbor is certified according to the quality management system DIN EN ISO 9001, the environmental management system environmental management system DIN EN ISO 14001 and the occupational health and health and safety management system ISO 45001:2018. The above-mentioned products have been thoroughly tested under the observation and supervision of INTERTEK testing, whereby their compliance with all relevant standards and regulations was standards and regulations and confirming the required quality and safety and safety criteria, as confirmed in the INTERTEK certificates ITK-24-AOC-001 and ITK-24-AOC-002. Sanbor is an approved manufacturer certified by Deutsche Glasfaser.

Technical Datasheet

PHYSICAL PROPERTIES	TEST METHOD	
Visual Appearance	It has a ribbed inner surface (with an optional smooth inner layer and a solid, permanent lubricant silicone layer), and a smooth outer surface that is free from blisters, holes, and roughness, and is available in various colors.	
Outside Diameter (OD)	1x40 mm ± 1 mm + 2x32 mm ± 0.6 mm	DIN 8074
Inside Diameter (ID)	1x35 + 2x27	DIN 8074
Wall Thickness (WT)	2.5 mm ± 0.5 mm	DIN 8074
Ovality	max. 3 % on production max. 5 % on drum	EN ISO 3126
Modulus of Bending	Min. 1.200 MN/m^2	BS 2782:1978:335A
Colour	Black	
Carbon Black Distribution	Max Dece 3	ASTM 1693

PERFORMANCE PROPERTIES		TEST METHOD
Elongation at Break	min. 500%	EN ISO 6259-1
Tensile Strength	Min. 25 MN/m^2	BS 3412 ISO/R327 Type 2 Speed D
Direct Burried	yes	
Max. Blowing Pressure	12.5 bars	
E.S.C.R %10 Igepal C-630	> 48 h (2/10)	ASTM 1693
Pipe Tension	8 N/mm^2	TS-418-2, EN-12201-2

MATERIAL PROPERTIES		TEST METHOD
Raw Material	Sanbor HDPE duct products are made from 100% HDPE, offering unmatched strength, consistency, and durability.	
Average Density	Min. 0.940 g/cm³	ISO 1183
MFI (2.16 Kg)	< 0.15 g/10 min	BS 3412:ISO 1133 Pro:4

GENERAL PROPERTIES		TEST METHOD
Operation, Transport and Storage	-40°C to +70°C	
Installation	-10°C to +50°C	
UV-Resistance	Up to 2 years	EN 4892-2

PACKAGING	Coil
Dimension	H : 2350 mm W : 750 mm
Length	300 m
Quantity	17 coils – 5100 m per truck
Marking Print	DİKKAT! VODAFONE F/O KABLO BORUSU – SANBOR – AA/YY 0000m

*Informative value

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