

NOCX – HDPE PIPE

DS 110 E 07/25



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Technical Data

Colored Polyethylen Pipe for durable corrosion protection and design of Stay Cable Bridges complying to latest FIB and PTI recommendations.

Kind of Duct	Solid co-extruded two layer pipe, smooth inside and outside, optimized for the following properties:
UV Stability	Best UV-stability / color stability
Heat Resistance	Best heat resistance to reduce “aging due to heat” effect
Micro crack Resistance	Best stabilisation to reduce formation of micro fissures at pipe surface
NOCX	Co-extruded two layer duct, black inner and colored 1.5-2.0 mm outside layer.
Sizes	50-800 mm, in different SDR classes/wall thickness.
Colors	More than 200 colors incl. metallic effect colors available.
External Spiral	External double spiral in pipe color to reduce cable vibrations caused by the „light rain effect“ available.
Internal Helix	Internal helix as spacer available.
Joining	Buttfusion and Electrofusion welding.
Production	Compliance with FIB Bulletin 89, PTI DC45.1-18. Product acc. ISO, ASTM and DIN standards, Production according ISO 9001 Quality Plan.
Material	High Density Polyethylen with density according ASTM D 3350 PE 345444 C/E. Black inner layer contains 2% carbon black. Colored outer layer contains special color and stabilization compound created by us.
Chemical Resistance	Against almost any type of chemical attack.
UV – Tests	20.000 hours Xenotest 1200 and W-O M test (corresponding to 20 years real time in Middle Europe) do not visible show any change in color or fading in the color. The appearance of the surface remains unchanged. Very slow progress of structural material changes in confirmed. NOCX-pipes estimate for best product performance for more than 50 years. (Result of test report of famous independent laboratory.)
UV – Stability Guarantee	We offer 10 years guarantee on color stability and mechanical properties.
Fittings	All kind of fittings e.g. flanges, stub ends, deviators, sleeves, transitions, wind tie connections, electrofusion couplers available in black or colored.
Prefabrication	We offer pre-assembly of above components at our factory or job site assistance and service in the field.
Options	NOFX HDPE pipe with single layer color for same DHP-Halfpipe system for non-grouted cable protection after stressing or repair. DHPS Halfpipe system for grouted cable protection after stressing or repair
References	More than 500 bridge installations since 1989.

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