

## NOFX HDPE COMPOUND

DS 791 E 1212



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Technical Data

**NOFX HDPE ready mix COMPOUND for durable corrosion protection and design of Stay Cable Bridges and other exposed applications complying to last FIB and PTI recommendations.**

<b>Kind of Product</b>	Solvent free HDPE Compound for long-term protection and encapsulation suitable for productions of HDPE pipes, HDPE Half-pipes, ropes with HDPE layer and other HDPE products for exposed applications in civil engineering structures. The NOFX HDPE Compound is the identical material we use and offer with our since more than 20 years well experienced NOCX HDPE pipes.
<b>UV Stability</b>	Best UV-stability / color stability
<b>Heat Resistance</b>	Best heat resistance to reduce "aging due to heat" effect
<b>Micro Crack Resistance</b>	Best stabilization to reduce formation of micro fissures at pipe surface
<b>Norm</b>	Final products comply with latest FIB 30 and PTI DC 45.1-12 6th edition recommendation for exposed used in stay cable applications..
<b>Use</b>	Use of 100% of NOFX HDPE Compound. No other production stabilizers are needed.
<b>Colors</b>	More than 200 colors incl. metallic effect colors available
<b>Material Ingredients</b>	The batch formulation created by us individually for each color contains backing material, special color and several stabilizers against UV, Heat, Micro Crack and others.
<b>Material Properties</b>	Final products comply with latest FIB 30 and PTI DC 45.1-12 6th edition recommendation for exposed used in stay cable applications..
<b>Jointing</b>	Material is suitable for all standard HDPE jointing methods like mirror welding, electrofusion welding, extrusion welding and others are suitable.
<b>Chemical Resistance</b>	Against almost any type of chemical attack
<b>UV - Tests</b>	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 property changes are confirmed. NOCX pipes estimate for best product performance for more than 50 years. (Result of test report of famous independent laboratory.) Independent Expert opinion available.
<b>Delivery</b>	25 Kg Plastic Bags packed on pallet or Octabins
<b>Storage</b>	5 years storage time indoor in dry conditions
<b>References</b>	More than 200 bridge installations since 1989

**Contact us for more details.**