

Technical data sheet : DWC HDPE Pipes

Complete Double-Wall HDPE Pipe Systems Non-pressure sewer connections and manifolds



Raw material: **High-density polyethylene HDPE**
Standards: **NF EN 13476-3**
Appearance and color: **Smooth blue inner wall**
Black corrugated outer wall



Description :

Double-wall corrugated HDPE pipe (black outside and blue inside) with innovative sleeve injection technology, using an automatic bellling machine in an extrusion line with the same material as the pipe, to guarantee homogeneity and a perfect seal with high mechanical strength.

Application :

For the supply, distribution and connection of drinking water in underground networks.

HOT-IN-LINE INJECTION MOLDING OF THE JOINT SLEEVE*

Marking ALMA NM EN 13476-3 PEHD DNØxxx SN8 ASSAINISSEMENT ZONE APPLICATION : UD DATE ET HEURE

Dimensions

| Characteristics Material | Specifications | Test standart |
|-----------------------------|---|---------------|
| Density | ≥0.95g/cm3 | NM ISO 1183 |
| Melt flow index | ≤ 1.5 g/10min | NM ISO 1183 |
| Characteristics Material | Specifications | Test standart |
| 3% annular stiffness | ≥8KN/m ² | NM ISO 9969 |
| Shok resistance at 0°C | TIR ≤ 10 | ISO 3127 |
| 30% ring flexibility | No destructuring | NM ISO 13968 |
| Assembly tightness | No leakage | NM EN 1277 |
| Creep rate | Extrapolation to 2 years ≤ 4 | NM ISO 9967 |
| Physical Characteristics | Specifications | Test standart |
| Oven test at 110 C°, 30min. | No peeling, cracking or bubbling | NM ISO 12091 |
| Melt flow index | Maximum change from initial initial value 0.25g/10min | NM ISO 1133 |



| Dimensional characteristics | DN/ID (mm) | DN/ID Min (mm) | DN/OD (mm) | Bar length (m) Overall |
|-----------------------------|------------|----------------|------------|------------------------|
| Stiffness class SN8 | 200 | 195 | 200 | 6 |
| | 300 | 294 | 300 | |
| | 400 | 392 | 400 | |
| | 500 | 490 | 500 | 6,2 |
| | 600 | 588 | 600 | |
| | 800 | 785 | 940 | |
| | 1000 | 985 | 1175 | |

*Up to 500 mm

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Every Drop Counts 

