

EN 13476-3

MAGNUM PERFORMANTE

HDPE PIPE FOR SEWERAGE
**MAXIMUM
RESISTANCE**



01.2025



ITALIANA CORRUGATI



SYSTEM GROUP

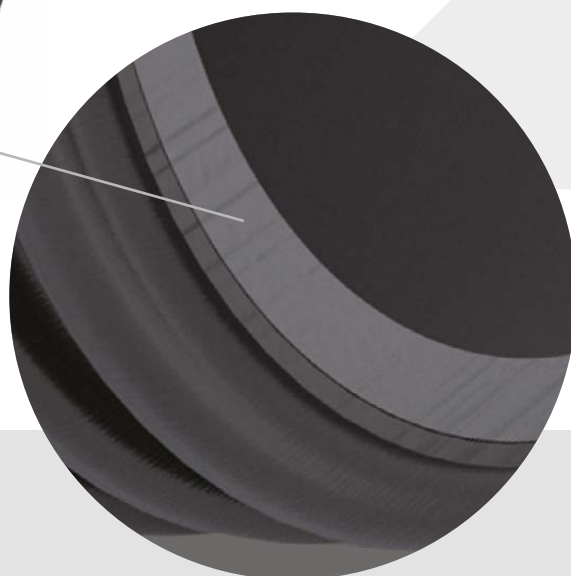
MAGNUM PERFORMANTE



DOUBLED inner wall thickness

UNI EN 13476-3 DE315
minimum thickness 1,6 mm

MAGNUM PERFORMANTE DE315
minimum thickness **3,2 mm**



TECHNICAL CHARACTERISTICS

Black high density polyethylene (HDPE) pipe, with a structured wall profile, for underground non-pressurized drainage connections and sewer collectors, with a corrugated outer surface (type B) and a smooth inner one with a significantly increased thickness compared to the requirements of the reference standard, to improve its resistance to crushing from external loads, abrasion, and impacts caused by the solid transport of conveyed wastewater, with an increase in durability in service.

The pipe is certified according to the UNI EN 13476-3 standard and the IND REP 17 CP technical specification, by an accredited third party according to ISO 17025 with increased performance in terms of:

- **RESISTANCE TO DEFORMATION**
(SN>10 ISO 9969)
- **ABRASION**
(UNI EN 295-3 IKT)
- **IMPACT ON THE INNER SURFACE**

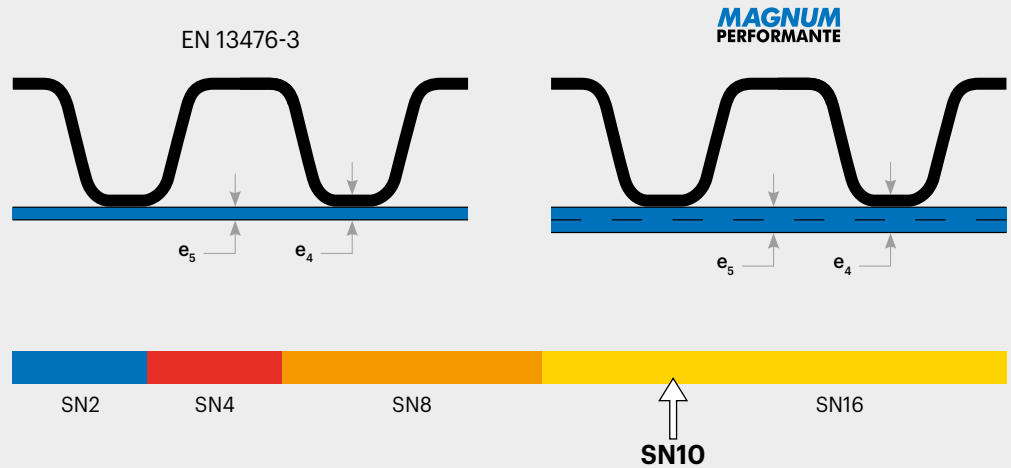
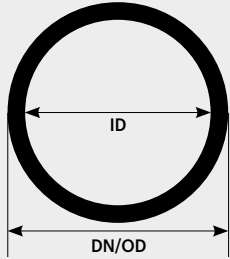
- **RESISTANCE TO CLEANING WITH CANAL-JET**
(UNI EN 295-3 OR DIN 19523 IKT
Institute for Underground Infrastructure)
- **RING STIFFNESS**
(EN ISO 9969)
- **RESISTANCE TO CREEP RELAXATION**
(EN ISO 9967)
- **JOINT TIGHTNESS** (ISO 13259)
- **HYDRAULICA ROUGHNESS** (UNI EN 295-3)

All elements required by the UNI EN 13476-3 standard and by the IND REP 17 CP technical specification are reported in full in marking. Bars can be equipped with either a segmented inline joint socket (integrated, type A) with an accompanying gasket, or a joint sleeve with two elastomeric EPDM sealing joints complying with the EN 681-1 standard, to be placed in the first groove between two successive corrugations on the pipe header to be inserted into the gasket/pipe sleeve that will be inserted into the female gasket, in the first groove between two successive corrugations.



MARKING

MAGNUM PERFORMANTE ITALCOR DN/OD... DATE TIME _BUREAU VERITAS N°1097/007 UNI EN 13476-3
TYPE B PE-HD SN8 U_BUREAU VERITAS N°1097/008 IND-REP-17_CP_REV1 TIPO B PE-HD SN10 U



ADVANTAGES

- > HIGH CHEMICAL AND ELECTRICAL INERTIA
- > CRUSHING RESISTANCE
- > EASE AND SPEED OF INSTALLATION

- > HIGH SMOOTHNESS
- > HIGH ABRASION RESISTANCE
- > TOTAL RECYCLABILITY



DIMENSIONAL CHARACTERISTICS

**MAGNUM
PERFORMANTE**

dimensional requirements	DN/OD	$d_{im, min}$ mm	wall thickness		ring stiffness	standard length m
			$e_{4, min}$ mm	$e_{5, min}$ mm	SN kN/m ²	
MAGNUM PERFORMANTE	315	265	5,5	3,2	>10	6,25
MAGNUM		272	1,9	1,6	4/8	
MAGNUM PERFORMANTE	400	338,6	6,5	4	>10	6,25
MAGNUM		347	2,3	2	4/8	

$d_{im, min}$ medium/minimum inner diameter
 $e_{4, min}$ thickness of the inner surface of liquid flow
 $e_{5, min}$ thickness of inner wall below the hollow section



Company subject to management and
coordination by HB Boscarini S.p.A

Italiana Corrugati S.p.A.
loc. Fonte del Doglio, 22/E
61026 Piandimeleto (PU)
tel. +39 0722 72221
italianacorrugati@tubi.net