PED CAM RANGE EXTENSION FOR PIPES WITH ENHANCED HYDRAULIC SEALING - INTRODUCTION OF SUPERFLUID PSV

riccini

# PP/PE corrugated pipes for sewerage, cable conduits and drains

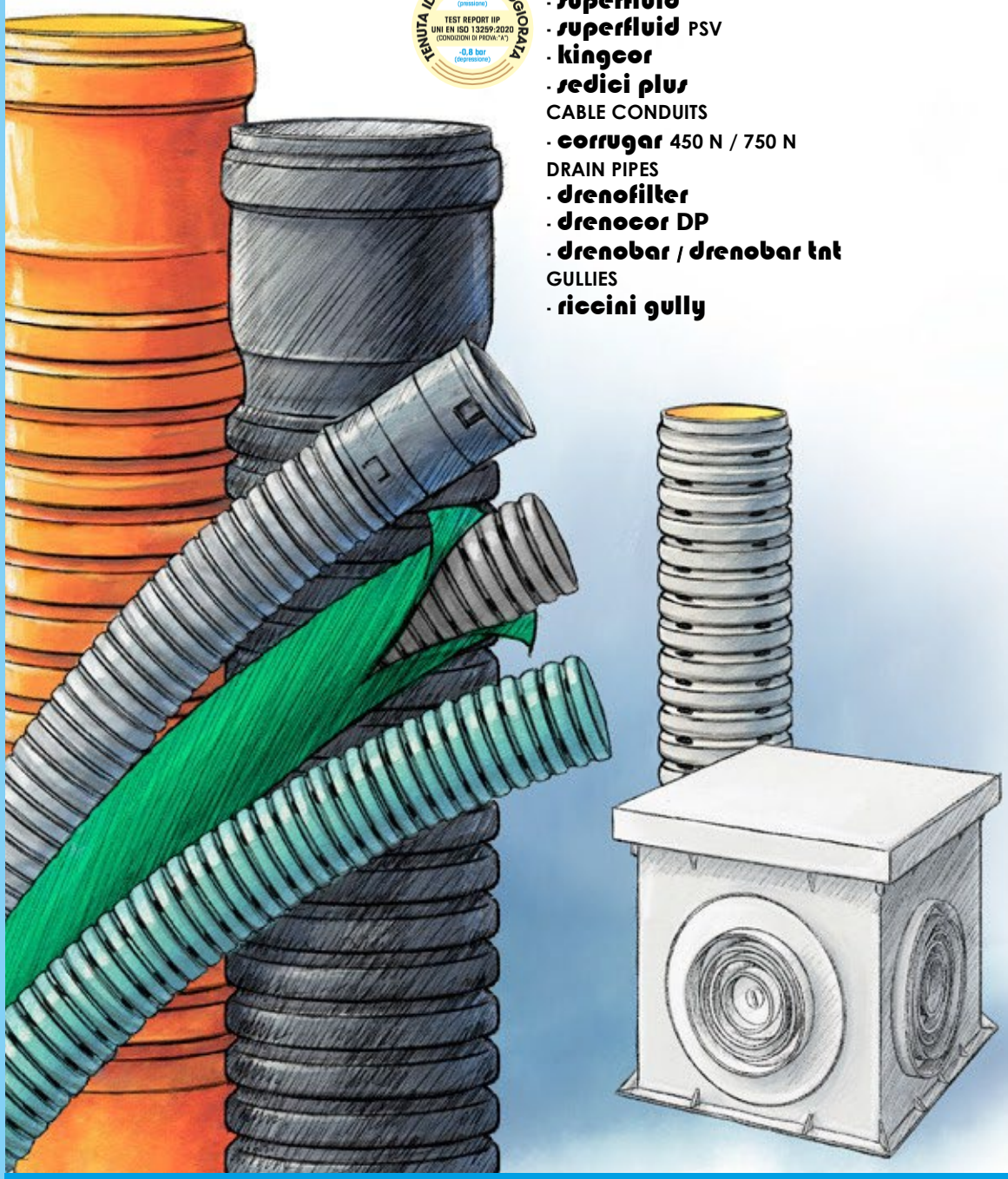
TENUTA IDRAULICA MAGGIORATA
+2.0 bar (pressione)
TEST REPORT IIP UNI EN ISO 13259:2020 (CONDIZIONI DI PROVA: "A")
-0.8 bar (depressione)

SLOTTED SEWER PIPES WITH ENHANCED HYDRAULIC SEALING
- **superfluid**
- **superfluid** PSV
- **kingcor**
- **sedici plus**

CABLE CONDUITS
- **corrugar** 450 N / 750 N

DRAIN PIPES
- **drenofilter**
- **drenocor** DP
- **drenobar / drenobar tnt**

GULLIES
- **riccini gully**



**November 2025 price list**

Compliant with reference standards

plastica seconda vita DA RACCOLTA DIFFERENZIATA CERT. 022/2020

plastica seconda vita MIX ECO CERT. 024/2020

EPD ITALY
EPDITALY1150 del 28/08/2025
epditaly.it

EN

# PIPES MADE WITH SECOND-LIFE PLASTICS (PSV)

**For some time, Riccini S.r.l. has been implementing the use of Second Life Plastics (PSV) deriving from Separate Collection or Mix Eco, in the formulations of its pipes.**
**Today, most Riccini products are classifiable as PSV, able to meet the requirements of the Minimum Environmental Criteria (CAM) as defined by the CAM Building Decrees (Ministerial Decree 23/06/2022 no. 256 and subsequent amendments and integrations) and CAM Streets (Ministerial Decree 05/08/2024 and subsequent amendments and integrations) and consequently to bear the CAM logo.**
**The fulfilment of these requirements, achievable only with real and documented actions and quantifiable by the percentages of PSV in the products, in addition to ensuring environmental sustainability for the pipes manufactured by Riccini S.r.l., contributes to reducing improper practices such as "greenwashing".**
**In this price list, the PSV products are:**
- **CORRUGAR 450N cable conduit**
- **CORRUGAR 750N cable conduit**
- **DRENOCOR drain pipe**
- **DRENOFILTER coated drain pipe**
- **DRENOBAR drain pipe**
- **DRENOBAR TNT coated drain pipe**
- **SUPERFLUID PSV sewer pipe**

plastica seconda vita MIX ECO
CERT. 024/2020

plastica seconda vita DA RACCOLTA DIFFERENZIATA
CERT. 022/2020

CRITERI AMBIENTALI MINIMI C.A.M.

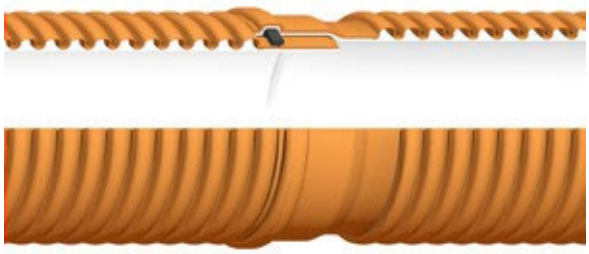
# THE IMPORTANCE OF ENVIRONMENTAL IMPACT CONTROL IN A PRODUCT LIFE CYCLE

**The achievement of requirements to satisfy CAM (see previous paragraph) applies to productions involving the use of PSV.**
**The KINGCOR and SEDICI PLUS pipes for sewer systems are manufactured with virgin raw materials and, consequently, are not PSV classifiable. In order to monitor the environmental impact at every stage in the life cycle of these products as well, Riccini has conducted detailed Life Cycle Assessment (LCA) studies.**
**Based on the results, an Environmental Product Declaration (PED) was drawn up, validated by a third-party certifying body recognised by EPDItaly, in compliance with the criteria for publication of the same on the EPDItaly website; publication took place following further validation by a body recognised by EPDItaly.**
**The Environmental Product Declaration relating to KINGCOR and SEDICI PLUS can be seen and/or downloaded in .PDF format by searching for PED no. 1151 "PPHM PIPES FOR BURIED NON-PRESSURE DRAIN DUCTS (Sedici Plus, Kingcor)"**
**in http://www.epditaly.it, section "Published PEDs".**

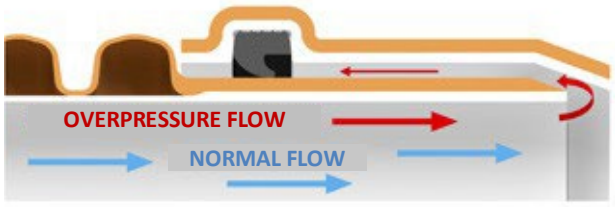
EPD ITALY
EPDITALY1150 del 28/08/2025
**epditaly.it**

# PIPES WITH ENHANCED HYDRAULIC SEALING

**A critical element in pipe networks is very often the joint between the bars.**
**Aware of this, Riccini S.r.l. has made great efforts to provide its customers with products free from hydraulic sealing problems.**
**In fact, the entire Riccini range of non-pressure sewers uses the same joint system, currently the safest and most effective in preventing joint leaks.**
**All Riccini products for this industry, be they single-, double- or triple-walled, with compact or outer corrugated walls, standardised on the outer diameter ND/OD or on the inner diameter ND/ID, use a bell-and-spigot joint, with a seat for the gasket formed during the thermoforming phase of the bell. The elastomeric gaskets are pre-inserted and aligned to flow direction, providing a double advantage: they prevent possible positioning errors and make the seal stronger the more it gets stressed (for example, by overpressure in the network).**
**The figures below show a cross-section of the push-fit joint (to the left) and the section clearly illustrating its operation diagram (to the right). The figures show a Sedici Plus pipe, but the joint system is identical for the entire range of Riccini pipes designed for non-pressure sewerage.**



GASKET DEFORMATION DUE TO OVERPRESSURE WILL INCREASE SEALING




JOINT DIAGRAM

**Reference standards require a hydraulic tightness of +0.5 bar under pressure and -0.3 bar under vacuum; Superfluid, Kingcor and Sedici Plus pipes have been tested in IIP Laboratories according to the requirements of UNI EN ISO 13259:2020 (test conditions "A"), successfully achieving values of +2.0 bar under pressure and – 0.8 bar under vacuum, i.e. four times the required pressure value and nearly three times the required vacuum value.**
**These results are due to the geometry of the Riccini pipes which, even for the corrugated pipes in this catalogue, makes the joint section a compact double-layer wall; joint deformation under stress is even on the bell and the spigot, avoiding gaps occurring between the two. Not only that, but the ring stiffness SN in the joint section, far from decreasing, becomes much higher: as an example, for SN8 pipes, the SN value in the push-fit joint (where the spigot and the bell overlap) reaches SN 12 KN/mm$_2$, while for SN 16 pipes it reaches SN 22 KN/m$_2$. The system is, therefore, able to respond without problems to stresses due to ground movements, internal and external hydraulic stresses, overpressure from significant operating loads, such as in the case of floods, torrential rains and groundwater seepage. In particular situations, such as in steep slope routing, abnormal peaks of internal pressure, laying near to a water table, an axial restraint system to prevent pipe joint pull-out is available, on request: this is the JOINT-FIX Pull-out Prevention Joint, made of steel, which is attached to the joint with only 4 bolts, to achieve an even better tightening, as clearly shown in the figures below**

SUPERFLUID, SUPERFLUID PSV, KINGCOR AND SEDICI PLUS PIPES
in the price list are compatible with
the Riccini SINGLE CROWN technical coupling (visit www.riccini.it)

# superfluid®
# superfluid® PSV

CERT. 024/2020

**Pipes for non-pressurised buried drains in high-density polyethylene HDPE (Superfluid) or Second Life Plastic PSV, i.e. raw material with a minimum of 30% recycled pre-consumer ECO MIX Second Life Plastic from pipes and fittings (Superfluid PSV). Structured double wall. Compliant with:**
- **EN 13476-3, UNI EN 13476-3 (Superfluid and Superfluid PSV)**
- **KIWA/IPPR Second Life Plastic MIX ECO Certificate no. 024/2020 (Superfluid PSV) Bearing IIP UNI, PiiP (Superfluid) and IIP UNI, PiiP, KIWA/IPPR (Superfluid PSV) marking**

**Bell-and-spigot joint with sealing ring, with pre-inserted elastomeric gasket, aligned with flow direction - see the JOINT DIAGRAM on page 3).**
**Series SN4 KN/m$_2$ and SN8 KN/m$_2$ in 3-6 m bars + bell. Standard colour: black outside/grey inside.**
**The Superfluid and Superfluid PSV versions are completely equivalent in terms of performance and regulatory references: they comply with the same standards and bear the same markings.**
**They are therefore fully interchangeable and can also be used simultaneously.**
**Field of application: U$^2$**

LEGEND
1 Sleeve joint with two elastomeric gaskets to be inserted in the corrugations
2 Code referring to an area > 1 m from the building
ND/OD Outer diameter
ND/ID Inner diameter
d.min Smaller ND/OD diameter for welded increaser/reduction

PRODUCT CODE
As for pipe laying, reference is made to the publications of the IIP (Italian Institute for Plastics).
Images, drawings and figures are for illustrative purposes only.

## SUPERFLUID IN HIGH-DENSITY POLYETHYLENE (HDPE) SUPERFLUID PSV IN HDPE AND SECOND LIFE PLASTIC (PSV) FROM ECO MIX

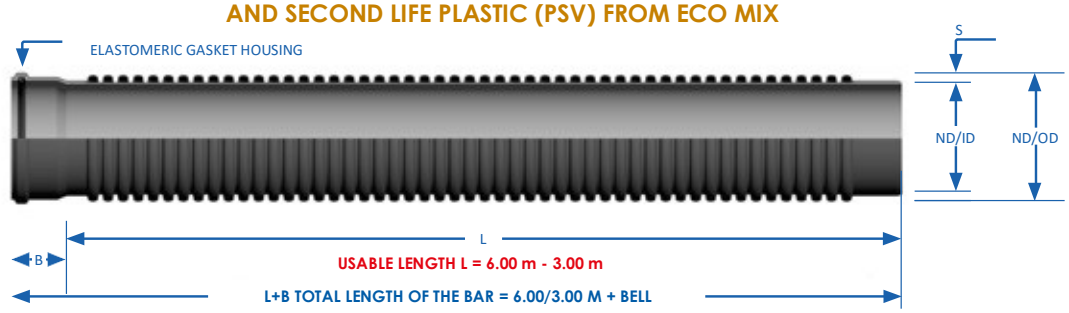



Fig. 1

# SUPERFLUID AND SUPERFLUID PSV IN HDPE / HDPE+ PSV

**STRUCTURED DOUBLE WALL PIPES**

For buried drain pipes - compliant with EN 13476-3, UNI EN 13476-3 (Superfluid and Superfluid PSV) and KIWA/IPPR Second Life Plastics MIX ECO Certificate No. 024/2022 (Superfluid PSV) - Field of application U$_2$ - Bell-and-spigot joint with sealing ring, with a housing for a pre-inserted elastomeric gasket aligned to flow direction. Standard colour: black outside, grey inside

tab.1

## Series SN4 KN/m$^2$

| ND/OD (mm) | | | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
|---|---|---|---|---|---|---|---|---|---|---|
| ND/ID (mm) | | | 105.0 | 134.0 | 173.0 | 217.0 | 272.0 | 343.0 | 436.0 | 546.0 |
| PIPE | L = 6 m | €/m<br>code | - | - | 17.87<br>43200ML | 25.52<br>43250ML | 37.31<br>43315ML | 57.43<br>43400ML | 92.77<br>43500ML | 151.66<br>43630ML |
| | L = 3 m | €/m<br>code | - | - | 19.67 ●<br>43200M3 | 29.35 ●<br>43250M3 | 42.92 ●<br>43315M3 | 66.04 ●<br>43400M3 | 106.78 ●<br>43500M3 | 166.82 ●<br>43630M3 |
| T. SLOTTED ONLY L= 6 m | F2S/F3N/F4S/ F6N SLOTTING | €/m<br>code ◆ | - | - | 21.34<br>43200ML... | 35.31<br>43250ML... | 46.45<br>43315ML... | 72.31<br>43400ML... | 109.12<br>43500ML... | 161.85<br>43630ML... |

tab.2

## Series SN8 KN/m$^2$

| ND/OD (mm) | | | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
|---|---|---|---|---|---|---|---|---|---|---|
| ND/ID (mm) | | | 105.0 | 134.0 | 173.0 | 217.0 | 272.0 | 343.0 | 436.0 | 546.0 |
| PIPE | L = 6 m | €/m<br>code | 10.97<br>431258 | 16.65<br>431608 | 20.11<br>432008 | 30.16<br>432508 | 42.14<br>433158 | 67.02<br>434008 | 113.76<br>435008 | 174.82<br>436308 |
| | L = 3 m | €/m<br>code | - | 18.34 ●<br>431608M3 | - | - | - | - | - | - |
| T. SLOTTED ONLY L= 6 m | F2S/F3N/F4S/ F6N SLOTTING | €/m<br>code ◆ | 14.38<br>431258... | 19.72<br>431608... | 23.36<br>432008... | 39.88<br>432508... | 51.08<br>433158... | 81.90<br>434008... | 130.72<br>435008... | 183.46<br>436308... |
| STANDARD PACKING | L = 6 m | bars/pallet | 94 *(564 m)* | 60 *(360 m)* | 35 *(210 m)* | 20 *(120 m)* | 12 *(72 m)* | 9 *(54 m)* | 5 *(30 m)* | 4 *(214 m)* |
| | L = 3 m | bars/pallet | 94 *(382 m)* | 60 *(180 m)* | 35 *(105 m)* | 20 *(60 m)* | 12 *(36 m)* | 9 *(27 m)* | 5 *(15 m)* | 4 *(12 m)* |

ND/OD bars 125 mm and 160 mm L = 6 m or L = 3 m: FLUID type with sleeve joint Bars L =
● 3 m only with sleeve joint
◆ CODE Slotted pipes: replace the dots with the slotting type and the slot size; e.g.: Superfluid pipe ND/OD 200 SN4 L = 6 m FS2 slotting with 4 mm slots: **43200MLF2S4**
**Superfluid PSV pipes**, add PSV to the code; e.g.: Superfluid PSV pipe ND/OD 250 SN8 L = 6 m: **432508PSV**
**Superfluid PSV slotted pipes**: replace the dots with the slotting type, the slot size and PSV; e.g.: Superfluid PSV pipe ND/OD 400 SN4 F3N slotting with 8 mm slots: **43400MLF3N8PSV**

## AVAILABLE SLOTTING FOR PIPES SN4 ND/OD 200 ÷ 400 mm : 4 mm / 8 mm SLOT - PIPES SN4 ND/OD 500 ÷ 630 mm : 4 mm SLOT PIPES SN8 ND/OD 125 ÷ 400 mm : 4 mm / 8 mm SLOT - PIPES SN8 ND/OD 500 ÷ 630 mm : 4 mm SLOT

| F2S SLOTTING | F3N SLOTTING | F4S SLOTTING | F6N SLOTTING |
|---|---|---|---|
| Slot rows: 2 Angle (β) between the slot rows: 120° Total slotted angle (γ): 120° | Slot rows: 3 Angle (β) between the slot rows: 120° Total slotted angle (γ): 360° | Slot rows: 4 Angle (β) between the slot rows: 60° Total slotted angle (γ): 180° | Slot rows: 6 Angle (β) between the slot rows: 60° Total slotted angle (γ): 360° |

tab.3

# SUPERFLUID COUPLINGS

**HDPE COUPLINGS - BELL-AND-SPIGOT JOINT WITH PRE-INSERTED ELASTOMERIC GASKET FOR SUPERFLUID AND SUPERFLUID PSV PIPES**

| ND/OD (mm) | | | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 45° open bend | €/pc.<br>code | - | - | 130.00<br>43CA200S | 169.00<br>43CA250S | 295.00<br>43CA315S | 550.00<br>43CA400S | 879.00<br>43CA500S | - |
| | 87°30' closed bend | €/pc.<br>code | - | - | 198.00<br>43CC200S | 239.00<br>43CC250S | 387.00<br>43CC315S | 713.00<br>43CC400S | 1,116.00<br>43CC500S | - |
| | 45° single wye | €/pc.<br>code | - | - | 293.00<br>43BS200S | 396.00<br>43BS250S | 672.00<br>43BS315S | 1,161.00<br>43BS400S | 2,012.00<br>43BS500S | - |
| | 87°30' single "T" | €/pc.<br>code | - | - | 256.00<br>43TS200S | 322.00<br>43TS250S | 541.00<br>43TS315S | 1,088.00<br>43TS400S | 1,756.00<br>43TS500S | - |

superfluid®
superfluid® PSV

CERT. 024/2020

# COUPLINGS COMPATIBLE WITH SUPERFLUID AND SUPERFLUID PSV PIPES

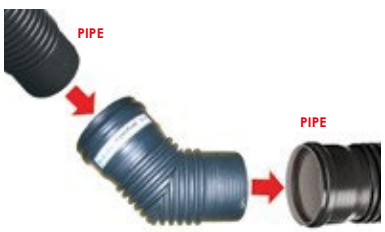
## HDPE COUPLINGS AND SPECIAL PARTS FOR CORRUGATED PIPES FOR WASTEWATER DRAIN

tab.4

| | | ND/OD (mm) | | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SN8 female MOULDED COUPLINGS | | 45° open bend moulded | €/pc.<br>code | - | 56.00<br>43CA160 | 64.00<br>43CA200 | 97.00<br>43CA250 | 184.00<br>43CA315 | 458.00<br>43CA400 | 547.00<br>43CA500 | - |
| | | 87°30' closed bend moulded | €/pc.<br>code | - | 91.00<br>43CC160 | 110.00<br>43CC200 | 161.00<br>43CC250 | 259.00<br>43CC315 | 611.00<br>43CC400 | 890.00<br>43CC500 | - |
| | | Moulded 45° single wye | €/pc.<br>code | - | 112.00<br>43BSS160 | 151.00<br>43BSS200 | 185.00<br>43BSS250 | 559.00<br>43BSS315 | 634.00<br>43BSS400 | - | - |
| | | Moulded 87°30' single "T" | €/pc.<br>code | - | 105.00<br>43TSS160 | 146.00<br>43TSS200 | 158.00<br>43TSS250 | 458.00<br>43TSS315 | 760.00<br>43TSS400 | - | - |
| WELDED COUPLINGS male couplings[1] | | Welded 30° and 45° open bend | €/pc.<br>code | 60.00<br>43C...125 | 68.00<br>43C...160 | 87.00<br>43C...200 | 102.00<br>43C...250 | 143.00<br>43C...315 | 267.00<br>43C...400 | 432.00<br>43C...500 | 780.00<br>43C...630 |
| | | | | ↑ Complete code: replace the dots with "30" or "45" depending on the selected bending degree ↑ | | | | | | | |
| | | Welded 60° and 87°30' closed bend | €/pc.<br>code | 85.00<br>43C...125 | 112.00<br>43C...160 | 155.00<br>43C...200 | 173.00<br>43C...250 | 235.00<br>43C...315 | 429.00<br>43C...400 | 669.00<br>43C...500 | 1,264.00<br>43C...630 |
| | | | | ↑ Complete code: replace the dots with "60" or "90" (87°30' bend) depending on the selected bending degree ↑ | | | | | | | |
| | | Welded 45° single wye | €/pc.<br>code | 143.00<br>43BS125 | 189.00<br>43BS160 | 229.00<br>43BS200 | 297.00<br>43BS250 | 444.00<br>43BS315 | 736.00<br>43BS400 | 1,342.00<br>43BS500 | 2,906.00<br>43BS630 |
| | | Welded 87°30' single "T" | €/pc.<br>code | 128.00<br>43TS125 | 151.00<br>43TS160 | 192.00<br>43TS200 | 223.00<br>43TS250 | 313.00<br>43TS315 | 662.00<br>43TS400 | 1,087.00<br>43TS500 | 2,086.00<br>43TS630 |
| | | 45° Welded reducing wye | €/pc.<br>code | - | 125 mm<br>275.00<br>BR160... | from 125 to 160 mm<br>286.00<br>BR200... | from 125 to 200 mm<br>358.00<br>BR250... | from 125 to 250 mm<br>442.00<br>BR315... | from 125 to 315 mm<br>863.00<br>BR400... | from 200 to 400 mm<br>1,480.00<br>BR500... | from 200 to 500 mm<br>2,346.00<br>BR630... |
| | | | | | ↑ Complete code: replace the dots with the reduced diameter ↑ | | | | | | |
| | | Welded 87°30' "T" reduction | €/pc.<br>code | - | 125 mm<br>173.00<br>TR160... | from 125 to 160 mm<br>209.00<br>TR200... | from 125 to 200 mm<br>261.00<br>TR250... | from 125 to 250 mm<br>339.00<br>TR315... | from 125 to 315 mm<br>833.00<br>TR400... | from 200 to 400 mm<br>1,393.00<br>TR500... | from 200 to 500 mm<br>1,833.00<br>TR630... |
| | | | | | ↑ Complete code: replace the dots with the reduced diameter ↑ | | | | | | |
| | | Inline inspection chambers | €/pc.<br>code | - | 197.00<br>43ILI160 | 232.00<br>43ILI200 | 278.00<br>43ILI250 | 281.00<br>43ILI315 | 317.00<br>43ILI400 | 340.00<br>43ILI500 | 479.00<br>43ILI630 |
| | | Welded increaser/reduction | €/pc.<br>code | - | min. dia. 125 mm<br>186.00<br>43AR160 | min. dia. 160 mm<br>210.00<br>43AR200 | min. dia. 200 mm<br>266.00<br>43AR250 | min. dia. 250 mm<br>396.00<br>43AR315 | min. dia. 315 mm<br>638.00<br>43AR400 | min. dia. 400 mm<br>825.00<br>43AR500 | min. dia. 400 mm<br>1,256.00<br>43AR630 |
| | | Welded "Firenze" trap | €/pc.<br>code | - | 546.00<br>43SFI160 | 673.00<br>43SFI200 | 702.00<br>43SFI250 | 877.00<br>43SFI315 | 1,108.00<br>43SFI400 | 1,422.00<br>43SFI500 | 2,703.00<br>43SFI630 |
| JOLLY COUPLINGS | | Jolly male | €/pc.<br>code | - | 109.00<br>43JM160 | 150.00<br>43JM200 | 185.00<br>43JM250 | 282.00<br>43JM315 | 401.00<br>43JM400 | 531.00<br>43JM500 | 705.00<br>43JM630 |
| | | Jolly female | €/pc.<br>code | - | - | 138.00<br>43JF200 | 173.00<br>43JF250 | 263.00<br>43JF315 | 374.00<br>43JF400 | 497.00<br>43JF500 | - |
| CAPS |  | Female cap | €/pc.<br>code | - | 130.00<br>43TAPF160 | 135.00<br>43TAPF200 | 160.00<br>43TAPF250 | 290.00<br>43TAPF315 | 316.00<br>43TAPF400 | 405.00<br>43TAPF500 | 883.00<br>43TAPF630 |
| COUPLING KIT | | Joint sleeve | €/pc.<br>code | 3.84<br>43MC125 | 5.45<br>43MC160 | 9.89<br>43MC200 | 17.35<br>43MC250 | 48.42<br>43MC315 | 92.81<br>43MC400 | 139.18<br>43MC500 | 313.92<br>43MC630 |
| | | Elastomeric gasket | €/pc.<br>code | 1.82<br>43G125 | 3.60<br>43G200 | 4.43<br>43G250 | 5.90<br>43G315 | 9.30<br>43G400 | 15.99<br>43G500 | 28.61<br>43G500 | 62.25<br>43G630 |

Prices of couplings in this table DO NOT include gaskets and sleeves where necessary
Figures without prices or with other prices than the ones in the table and/or special pieces, may be available on request and for quantities to be agreed upon.

Fig. 2




Example of SUPERFLUID coupling with bell-and-spigot joint

Fig. 3

Example of COMPATIBLE coupling

riciclabile 100% ecofriendly **kingcor®** UNI IIP UNI IIP EPD ITALY EPDITALY1150 del 28/08/2025 epditaly.it IDONEO PER USO IN DISCARICA

**Pipes in high modulus polypropylene PPHM with structured double wall for buried non-pressurised drains, smooth inside and corrugated outside, compliant with EN 13476-3, UNI EN 13476-3.**
**Bearing IIP UNI PiiP marking. Product Environmental Declaration (PED) published at http://www.epditaly.it in the section "PUBLISHED PEDs": PED no. 1151 "PPHM PIPES FOR BURIES NON-PRESSURISED DRAIN PIPES (SEDICI PLUS, KINGCOR).**
**Ring stiffness class: SN8 KN/m², in bars: 6 m + bell.**
**Bell-and-spigot joint with sealing ring, with pre-inserted elastomeric gasket aligned to flow direction (see the JOINT DIAGRAM on page 3).**
**Hydraulic sealing of the joint system certified by Test Report IIP at 2.0 bar under pressure and - 0.8 bar under vacuum. Standard colour: brown RAL8023 outside /yellow RAL1021 inside.**
**CERTIFIED FOR USE WITH HIGH-PRESSURE CLEANING (340 BAR) AND/OR CHAIN SCRAPERS.**

LEGEND

1 Code referring to an area > 1 m from the building to which the buried piping system is connected
ND/ID Nominal diameter (pipes standardised on inner diameter)
ND/OD Nominal diameter (pipes standardised on outer diameter)

PRODUCT CODE
For detailed calculations of pipe flow rates and advice on the installation of KINGCOR pipes, please refer to the KINGCOR TECHNICAL MANUAL.
Images, drawings and figures are for illustrative purposes only.

## IN HIGH MODULUS POLYPROPYLENE (PPHM)

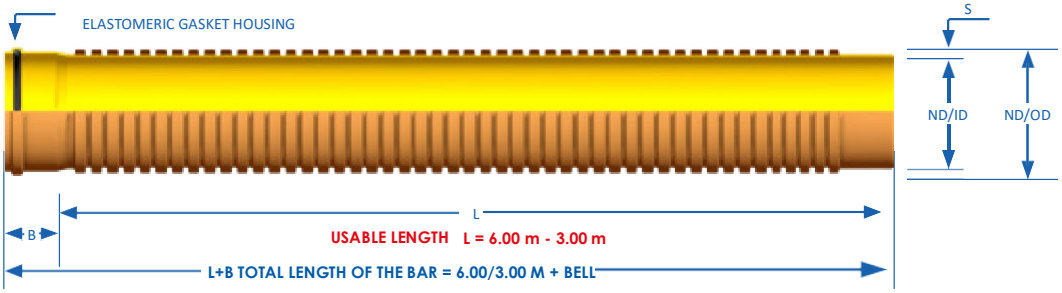



Fig. 4

# KINGCOR IN PPHM

**DOUBLE LAYER STRUCTURED WALL PIPES WITH ENHANCED HYDRAULIC SEALING**

For buried drain pipes - compliant with EN 13476-3, UNI EN 13476-3. Field of application U[1].
Bell-and-spigot joint with sealing ring, with pre-inserted elastomeric gasket aligned to flow direction.
Colour: black RAL 8023 outside/ yellow RAL 1021 inside

### Series SN8 KN/m2

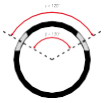
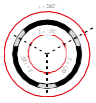
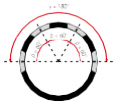
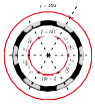
tab.5

| ND/OD (mm) | | | 200 | 250 | 300 | 400 | 500 | 600 |
|---|---|---|---|---|---|---|---|---|
| PIPE | L = 6 m | €/m<br>code | 28.69<br>542006S8. | 44.63<br>542506S8. | 63.95<br>543006S8. | 101.36<br>544006S8. | 162.90<br>545006S8. | 237.96<br>546006S8. |
| SLOTTED PIPE | F2S/F3N/F4S/F6N SLOTTING | €/m<br>code ◆ | 36.94<br>542006S8F2S…<br>542006S8F3N…<br>542006S8F4S…<br>542006S8F6N… | 54.88<br>542506S8F2S…<br>542506S8F3N…<br>542506S8F4S…<br>542506S8F6N… | 75.15<br>543006S8F2S…<br>543006S8F3N…<br>543006S8F4S…<br>543006S8F6N… | 117.00<br>544006S8F2S…<br>544006S8F3N…<br>544006S8F4S…<br>544006S8F6N… | 178.72<br>545006S8F2S4<br>545006S8F3N4<br>545006S8F4S4<br>545006S8F6N4 | 290.31<br>546006S8F2S4<br>546006S8F3N4<br>546006S8F4S4<br>546006S8F6N4 |
| PACKAGING STANDARD | L = 6 m | bars/pallet | 27 *(162 m)* | 18 *(108 m)* | 12 *(72 m)* | 5 *(30 m)* | 4 *(24 m)* | 6 *(36 m)* |

◆ CODE slotted pipes:
**ND/ID 200 ÷ 400 mm**, replace the dots with the slot size; e.g.: Kingcor pipe ND/ID 250 SN8 L = 6 m, F3N slotting with 8 mm slots: 54250S8F3N8
**ND/ID 500 ÷ 600 mm**, use the code corresponding to the selected slotting type; e.g.: Kingcor pipe ND/ID 500 SN8 L = 6 m, F6N slotting with 4 mm slots: 54500S8F6N4

## AVAILABLE SLOTTING AND CHARACTERISTICS OF THE DIFFERENT TYPES OF SLOTTING

**PIPES ND/ID 200 ÷ 400 mm : 4 mm / 8 mm SLOT - PIPES ND/ID 500 ÷ 600 mm : 4 mm SLOT**

| F2S SLOTTING | F3N SLOTTING | F4S SLOTTING | F6N SLOTTING |
|---|---|---|---|
|  Slot rows: 2<br>Angle (β) between slot rows: 120°<br>Total slotted angle (γ): 120° |  Slot rows: 3<br>Angle (β) between slot rows: 120°<br>Total slotted angle (γ): 360° |  Slot rows: 4<br>Angle (β) between slot rows: 60°<br>Total slotted angle (γ): 180° |  Slot rows: 6<br>Angle (β) between slot rows: 60°<br>Total slotted angle (γ): 360° |

# PPHM COUPLINGS WITH ELASTOMERIC GASKET PRE-INSERTED IN THE BELL BY WELDING TO SECTORS OF KINGCOR PIPES TYPE "A1" AND "B"

tab.6

| ND/OD (mm) | | | 200 | 250 | 300 | 400 | 500 | 600 |
|---|---|---|---|---|---|---|---|---|
| | 45° open bend | €/pc.<br>code | 266.00<br>54CA200 | 446.00<br>54CA250 | 666.00<br>54CA300 | 1,027.00<br>54CA400 | 1,462.00<br>54CA500 | 2,684.00<br>54CA600 |
| | | | ↑ with bending degrees < 45° available on order ↑ | | | | | |
| | 87°30' closed bend | €/pc.<br>code | 459.00<br>54CC200 | 530.00<br>54CC250 | 809.00<br>54CC300 | 1,276.00<br>54CC400 | 1,966.00<br>54CC500 | 3,680.00<br>54CC600 |
| | | | ↑ Bends with bending degrees > 45° and < 87°30' available on order; ↑ | | | | | |
| | 45° single wye | €/pc.<br>code | 793.00<br>54BS200 | 812.00<br>54BS250 | 1,294.00<br>54BS300 | 2,254.00<br>54BS400 | 4,031.00<br>54BS500 | 6,176.00<br>54BS600 |
| | 45° single "T" | €/pc.<br>code | 680.00<br>54TS200 | 757.00<br>54TS250 | 1,227.00<br>54TS300 | 1,980.00<br>54TS400 | 3,143.00<br>54TS500 | 5,840.00<br>54TS600 |

Other shapes of couplings, such as reducing wyes and/or reducing "T"'s, inline inspection chambers, end caps, increasers and reducers, "Firenze" traps, may be available on request and for quantities to be agreed upon

# COUPLINGS TO CONNECT KINGCOR PIPES AND OTHER PIPE TYPES

**PPHM/PVC COUPLINGS WITH ELASTOMERIC GASKET PRE-INSERTED IN THE BELL. TO BE USED FOR CONNECTIONS BETWEEN KINGCOR PIPES (ND/ID) AND PE, PVC ETC. PIPES (ND/OD) OR VICE VERSA**

tab.7

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | FROM ND/OD (mm) | | 125, 200 | 200, 250 | 250, 315 | 315, 400 | 400, 500 | 500 |
| | TO ND/ID (mm) KINGCOR | | 200 | 250 | 300 | 400 | 500 | 600 |
| | Transition increaser from ND/OD to ND/ID Kingcor | €/pc. code | 185.00 54ATOI...200 | 317.00 54ATOI...250 | 378.00 54ATOI...300 | 534.00 54ATOI...400 | 710.00 54ATOI...500 | 1,118.00 54ATOI...600 |
| | | | ↑ Complete code: replace the dots with the ND/OD of the starting NON-KINGCOR pipe ↑ | | | | | |
| | FROM ND/ID (mm) KINGCOR | | 200 | 250 | 300 | 400 | - | - |
| | TO ND/OD (mm) | | 250 | 315 | 400 | 500 | | |
| | Transition increaser from ND/ID Kingcor to ND/OD | €/pc. code | 185.00 54ATIO250 | 317.00 54ATIO300 | 378.00 54ATIO400 | 534.00 54ATIO500 | | |
| | ND/ID (mm) | | 200 | 250 | 300 | 400 | 500 | 600 |
| | Joint gasket to insert in the bell | €/pc. code | 6.85 54G200 | 13.63 54G250 | 21.49 54G300 | 38.12 54G400 | 74.14 54G500 | 114.06 54G600 |

# JOLLY COUPLINGS TO RESTORE BELLS AND/OR SPIGOTS

**TO BE USED TO RESTORE SPIGOTS AND/OR BELLS WHEN CUTTING KINGCOR BARS**

tab.8

| ND/OD (mm) | | | 200 | 250 | 300 | 400 | 500 | 600 |
|---|---|---|---|---|---|---|---|---|
| | Jolly female | €/pc. code | 185.00 54JF200 | 317.00 54JF250 | 378.00 54JF300 | 534.00 54JF400 | 710.00 54JF500 | 1,118.00 54JF600 |
| | Jolly male | €/pc. code | 200.00 54JM200 | 248.00 54JM250 | 409.00 54JM300 | 572.00 54JM400 | 749.00 54JM500 | 1,166.00 54JM600 |
| | Joint gasket to be inserted in the corrugation | €/pc. code | 6.70 54GU200 | 10.25 54GU250 | 16.17 54GU300 | 28.67 54GU400 | 55.74 54GU500 | 85.77 54GU600 |

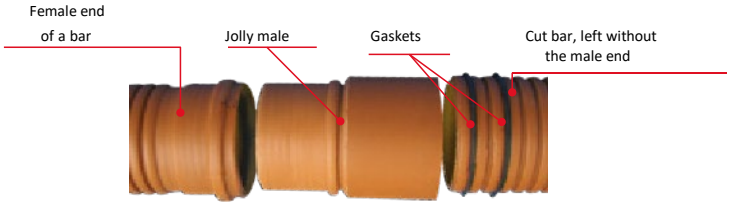
# EXPANSION SLEEVES FOR "KINGCOR ROAD" APPLICATIONS

**FOR VIADUCT APPLICATIONS, FOR THE COLLECTION AND DISPOSAL OF PLATFORM RAINWATER**

tab 9

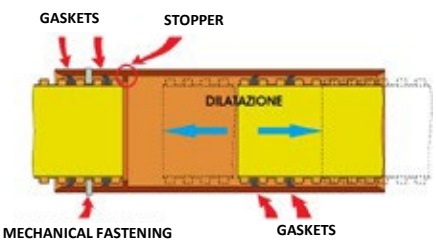
| ND/ID (mm) of the Kingcor pipe with which the sleeve is used | | 200 | 250 | 300 | 400 | 500 | 600 |
|---|---|---|---|---|---|---|---|
| Expansion sleeve | €/pc. code | - | 2,765.00 54MDV250 | 3,557.00 54MDV300 | 4,728.00 54MDV400 | 6,355.00 54MDV500 | 8,533.00 54MDV600 |

The expansion sleeves in this table are used in the "KINGCOR ROAD" system for viaduct applications; in addition to the expansion sleeves, it consists of suitably additivated Kingcor bars, fittings, brackets, special parts. **Prices of fittings, brackets, bars and special parts: on request**




Example of use of Jolly Male: the spigot of the bar on the right is restored to join with the bar on the left - ref.:Tab. 8

Fig. 5




Expansion Sleeve Diagram - ref.:Tab. 9

Fig. 6

riciclabile 100% ecofriendly **sedici plus®**

**Pipes in high modulus polypropylene PPHM with structured double wall for buried non-pressurised drains, smooth inside and corrugated outside, compliant with EN 13476-3, UNI EN 13476-3.**
**Under the iiP UNI, PiiP brand.**
**Environmental Product Declaration (PED) published in http://www.epditaly.it section "Published PEDs". PED no. 1151 "PPHM PIPES FOR BURIES NON-PRESSURISED DRAIN PIPES (SEDICI PLUS, KINGCOR).**
**Ring stiffness class: SN16 KN/m², in bars: 6 m + bell.**
**Bell-and-spigot joint with sealing ring, with pre-inserted elastomeric gasket aligned to flow direction (see the JOINT DIAGRAM on page 3).**
**Hydraulic sealing of the joint system certified by Test Report IIP at 2.0 bar in pressure and -0.8 bar in vacuum.**
**Standard colour: RAL8023 brown exterior/white interior.**

IDONEO PER USO IN DISCARICA

EPDITALY1150 del 28/08/2025 epditaly.it

LEGEND

1 Code referring to an area > 1 m from the building to which the buried piping system is connected
ND/ID Nominal diameter (pipes standardised on inner diameter)
ND/OD Nominal diameter (pipes standardised on outer diameter)

PRODUCT CODE
For the installation of the pipes, please refer to the publications of iiP and the KINGCOR TECHNICAL MANUAL
Images, drawings and figures are for illustrative purposes only

## IN HIGH MODULUS POLYPROPYLENE (PPHM)

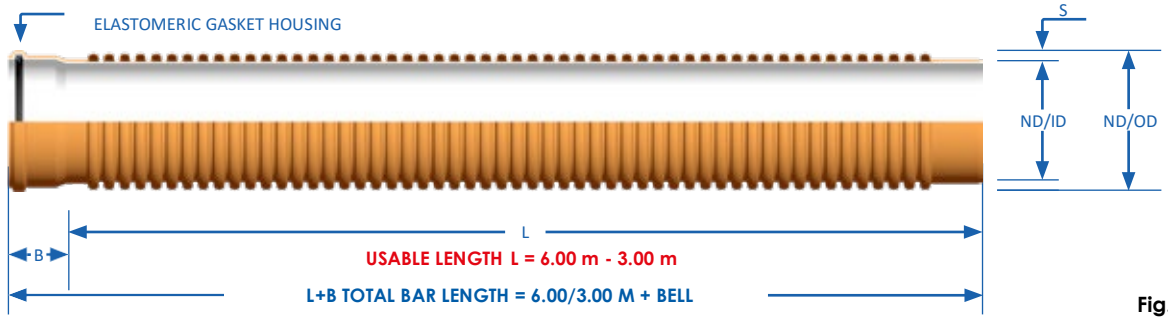



Fig. 7

# SEDICIPLUS IN PPHM

**DOUBLE LAYER STRUCTURED WALL PIPES WITH ENHANCED HYDRAULIC SEALING**

For buried drain pipes - compliant with EN 13476-3, UNI EN 13476-3. Field of application U[1].
Bell-and-spigot joint with sealing ring, with pre-inserted elastomeric gasket aligned to flow direction.
Colour: exterior brown RAL 8023/interior white

tab.10

## Series SN16 KN/m²

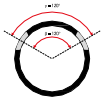
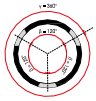
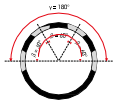
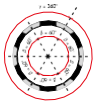
EPDITALY1150 del 28/08/2025 epditaly.it

| ND/OD (mm) | | | 200 | 250 | 315 | 400 | 500 | 630 |
|---|---|---|---|---|---|---|---|---|
| ND/ID (mm) | | | 173.0 | 217.0 | 272.0 | 343.0 | 436.0 | 546.0 |
| PIPE | L = 6 m | €/m<br>code | 30.57<br>62200M6 | 42.22<br>62250M6 | 72.16<br>62315M6 | 103.42<br>62200M6 | 160.30<br>62200M6 | 272.58<br>62200M6 |
| SLOTTED PIPE | F2S/F3N/F4S/ F6N SLOTTING | €/m<br>code ◆ | 35.66<br>62200M6F2S…<br>62200M6F3N…<br>62200M6F4S…<br>62200M6F6N… | 53.15<br>62250M6F2S…<br>62250M6F3N…<br>62250M6F4S…<br>62250M6F6N… | 81.95<br>62315M6F2S…<br>62315M6F3N…<br>62315M6F4S…<br>62315M6F6N… | 120.36<br>62400M6F2S…<br>62400M6F3N…<br>62400M6F4S…<br>62400M6F6N… | 179.68<br>62500M6F2S4<br>62500M6F3N4<br>62500M6F4S4<br>62500M6F6N4 | 282.73<br>62630M6F2S4<br>62630M6F3N4<br>62630M6F4S4<br>62630M6F6N4 |
| STANDARD PACKING | L = 6 m | bars/pallet | 35 *(210 m)* | 20 *(120 m)* | 12 *(72 m)* | 9 *(54 m)* | 5 *(30 m)* | 6 *(36 m)* |

◆ CODE slotted pipes:
**ND/OD 200 ÷ 400 mm**, replace the dots with the slot size; e.g.: Sedici Plus pipe ND/OD 200 SN16 L = 6 m, F6N slotting with 8 mm slots: 62200M6F6N8
**ND/OD 500 ÷ 600 mm**, use the code corresponding to the selected slotting type; e.g.: Sedici Plus pipe ND/OD 500 SN16 L = 6 m, F3N slotting with 4 mm slots: 62500M6F3N4

## AVAILABLE SLOTTING AND CHARACTERISTICS OF THE DIFFERENT TYPES OF SLOTTING

**PIPES ND/OD 200 ÷ 400 mm : 4 mm / 8 mm SLOT - ND/OD 500 ÷ 630 mm PIPES: 4 mm SLOT**

| F2S SLOTTING | F3N SLOTTING | F4S SLOTTING | F6N SLOTTING |
|---|---|---|---|
|  Slot rows: 2<br>Angle (β) between slot rows: 120°<br>Total slotted angle (γ): 120° |  Slot rows: 3<br>Angle (β) between slot rows: 120°<br>Total slotted angle (γ): 360° |  Slot rows: 4<br>Angle (β) between the slot rows: 60°<br>Total slotted angle (γ): 180° |  Slot rows: 6<br>Angle (β) between slot rows: 60°<br>Total slotted angle (γ): 360° |

# PPHM COUPLINGS WITH ELASTOMERIC GASKET PRE-INSERTED IN THE BELL, OBTAINED BY WELDING TO SECTORS OF SEDICI PLUS PIPES

tab.11

| ND/OD (mm) | | | 200 | 250 | 315 | 400 | 500 | 630 |
|---|---|---|---|---|---|---|---|---|
| | 45° open bend | €/pc.<br>code | 166.00<br>62CA200 | 210.00<br>62CA250 | 352.00<br>62CA315 | 657.00<br>62CA400 | 1,052.00<br>62CA500 | 1,732.00<br>62CA630 |
| | | | ↑ Bends with bending degrees < 45° available on order ↑ | | | | | |
| | 87°30' closed bend | €/pc.<br>code | 260.00<br>62CC200 | 308.00<br>62CC250 | 481.00<br>62CC315 | 884.00<br>62CC400 | 1,384.00<br>62CC500 | 2,410.00<br>62CC630 |
| | | | ↑ Bends with bending degrees > 45° and < 87°30' available on order; ↑ | | | | | |
| | 45° single wye | €/pc.<br>code | 385.00<br>62BS200 | 516.00<br>62BS250 | 851.00<br>62BS315 | 1,456.00<br>62BS400 | 2,549.00<br>62BS500 | 5,563.00<br>62BS630 |
| | 45° single "T" | €/pc.<br>code | 333.00<br>62TS200 | 412.00<br>62TS250 | 667.00<br>62TS315 | 1,352.00<br>62TS400 | 2,191.00<br>62TS500 | 4,416.00<br>62TS630 |

Other types of fittings, such as bends and/or reduced "T"s, linear inspections, closing caps, increases and reductions, "Firenze" siphons, may be available on request and for quantities to be agreed.

# JOLLY COUPLINGS TO RESTORE BELLS AND/OR SPIGOTS

TO BE USED TO RESTORE SHANK AND/OR BELL IN CASE OF CUTTING SEDICI PLUS BARS

tab.12

| ND/OD (mm) | | | 200 | 250 | 315 | 400 | 500 | 630 |
|---|---|---|---|---|---|---|---|---|
| | Jolly female | €/pc.<br>code | 182.00<br>62JF200 | 224.00<br>62JF250 | 328.00<br>62JF315 | 518.00<br>62JF400 | 621.00<br>62JF500 | 863.00<br>62JF630 |
| | Jolly male | €/pc.<br>code | 186.00<br>62JM200 | 238.00<br>62JM250 | 345.00<br>62JM315 | 535.00<br>62JM400 | 673.00<br>62JM500 | 949.00<br>62JM630 |
| | Joint gasket to be inserted in the corrugation | €/pc.<br>code | 5.04<br>62G200 | 6.70<br>62G250 | 10.57<br>62G315 | 18.16<br>62G400 | 32.51<br>62G500 | 70.74<br>62G630 |

# corrugar®

HDPE polyethylene corrugated pipes with structured double wall, smooth inside and corrugated outside corrugated, for the protection of cables in underground electrical and telecommunications installations.
Sleeve joint with fixing fins; each coil has a polyester pulling wire and a sleeve, while the bars have a sleeve.
All diameters meet the requirements of the sector standards, in particular:
- crushing resistance > 450N (or >750N)
- resists the impact test at -5 °C with 5 Kg striking masses and variable drop heights
- resists the bending test (ambient temperature and -5 °C) with a bending radius of at least 10 DN/OD
- particular resistance to chemical agents; UV protection < 18 months for irradiation 100÷110 kly/year
- compliant with EN 61386-1+A1, EN 61386-24; Dir. B.T. 2014/35/EU (Annex I); HRN EN 61386-1; HRN EN 61386-1/A1; HRN EN 61386-24.
- marking in compliance with industry standards; HIGH LEGIBILITY, with METER COUNTER

LEGEND
DN/OD External diameter
ND/ID min Minimum inner diameter
PRODUCT CODE
Images, drawings and figures are for illustrative purposes only

The image highlights the high legibility of the marking and the numerator; the numbering is progressive from 0 to 999 and does not start from 0 for each coil or bar

## CORRUGAR SERIE N 450N IN HDPE

**CAVIDOTTI A PARETE STRUTTURATA A DOPPIO STRATO**

For the passage and protection of cables in underground electrical and telecommunications installations.
Conforms to EN 61386-1-24, Dir. B.T. 2014/35/EU (Annex I), HRN-EN 61386-1, HRN EN 61386-1/A1, HRN EN 61386-24. Series N 450N.
Colours: grey or coloured exterior /black interior.
**STABILIZED ANTI-UV, WARRANTY 18 MONTHS FROM THE DATE OF PRODUCTION - THE PRICE INCLUDES: SLEEVE (BARS) OR**

Exterior colour variants

tab.13

### SERIES N 450N - 50 m COILS

| ND/OD (mm) | | 40 | 50 | 63 | 75 | 90 | 110 | 125 | 160 | 200 |
|---|---|---|---|---|---|---|---|---|---|---|
| ND/ID (mm) | | 30.5 | 40.1 | 51.0 | 59.5 | 71.5 | 92.2 | 105.3 | 135.0 | 175.0 |
| GREY | €/m | 1.57 | 1.89 | 2.33 | 2.98 | 3.60 | 4.52 | 5.51 | 8.83 | - |
| | code | 19P040 | 19P050 | 19P063 | 19P075 | 19P090 | 19P110 | 19P125 | 19P160 | |
| COLOURED◆ | €/m | 1.67 | 2.02 | 2.49 | 3.21 | 3.84 | 4.85 | 5.91 | 9.43 | - |
| | code | 31NT040 | 31NT050 | 31NT063 | 31NT075 | 31NT090 | 31NT110 | 31NT125 | 31NT160 | |

### SERIES N 450N - 25 m COILS

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| GREY | €/m | 1.77 | 2.17 | 2.67 | 3.45 | 4.14 | 5.23 | 6.34 | 10.09 | 15.59 |
| | code | 19P040M | 19P050M | 19P063M | 19P075M | 19P090M | 19P110M | 19P125M | 19P160M | 19P200 |
| COLOURED◆ | €/m | - | - | - | - | - | - | - | - | 16.69 |
| | code | | | | | | | | | 31NT200 |

### SERIES N 450N - 6 m BARS

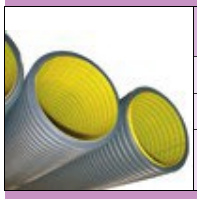
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BLACK | €/m | - | - | - | - | - | 5.22 | 6.33 | 10.10 | 16.36 |
| | code | | | | | | 19B110E | 19B125E | 19B160E | 19B200E |

◆ Standard colours: blue/yellow/red outside, black inside

## CORRUGAR IN HDPE

**CAVIDOTTI A PARETE STRUTTURATA A DOPPIO**

For the passage and protection of cables in underground electrical and telecommunications installations. Compliant with EN 61386-1-24, Dir. B.T. 2014/35/EU (Annex I), HRN-EN 61386-1, HRN EN 61386-1/A1, HRN EN 61386-24. Series N 750N. Colours: grey outside/yellow inside.
**STABILIZED ANTI-UV, WARRANTY 18 MONTHS FROM THE DATE OF PRODUCTION - THE PRICE INCLUDES: SLEEVE WITH FIXING FINS**



tab.14

### SERIES N 750N - 6 m BARS

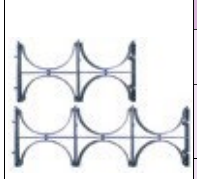
| ND/OD (mm) | 40 | 50 | 63 | 75 | 90 | 110 | 125 | 160 | 200 |
|---|---|---|---|---|---|---|---|---|---|
| ND/ID (mm) | 30.5 | 40.1 | 51.0 | 59.5 | 71.5 | 92.2 | 105.3 | 135.0 | 175.0 |
| €/m | - | - | - | - | - | 7.45 | 8.59 | 12.50 | 18.82 |
| code | | | | | | 19P110E | 19P125E | 19P160E | 19P200E |

## CORRUGAR ACCESSORIES

tab.15

### JOINT SLEEVES WITH FIXING FINS (COLOUR: BLACK)

| ND/OD (mm) | 40 | 50 | 63 | 75 | 90 | 110 | 125 | 160 | 200 |
|---|---|---|---|---|---|---|---|---|---|
| €/pc. | 2.22 | 2.51 | 2.63 | 3.26 | 3.39 | 4.11 | 7.72 | 9.90 | 14.29 |
| code | 19MC040 | 19MC050 | 19MC063 | 19MC075 | 19MC090 | 19MC110 | 19MC125 | 19MC160 | 19MC200 |



### PLASTIC SEALS WITH 2 OR 3 DOUBLE GROOVES (BLACK COLOUR)

| FOR DN/OD PIPES (mm) | | 40 | 50 | 63 | 75 | 90 | 110 | 125 | 160 | 200 |
|---|---|---|---|---|---|---|---|---|---|---|
| WITH 2 DOUBLE GROOVES | €/pc. | - | - | - | - | 6.37 | 6.57 | 6.90 | 8.38 | - |
| | code | | | | | 19SELD090 | 19SELD110 | 19SELD125 | 19SELD160 | |
| WITH 3 DOUBLE GROOVES | €/pc. | - | - | - | - | - | 9.33 | 10.21 | 11.87 | - |
| | code | | | | | | 19SELD110 | 19SELD125 | 19SELD160 | |

# riccini gully

Monolithic inspection device for buried electrical or telecommunication systems (branches, grounding, equipment container) or for buried civil systems (discharge connections, inspection connections).
With pre-cut concentric shaping on the vertical walls.
Removable bottom. For sizes 20x20 cm, 30x30 cm and 40x40 cm: Trafic gullies and gully covers also available in green.
Made by injection moulding with polypropylene PP blends; it is lightweight, easy to handle and highly resistant to mechanical and chemical agents.
Trappable with baffle or bell trap.

## GULLY (WITHOUT COVER) IN PP

WITH REMOVABLE BOTTOM, FOR UNDERGROUND SYSTEM

tab.1

| GREY GULLY | | | | |
|---|---|---|---|---|
| Dimensions (cm) | 20 x 20 | 30 x 30 | 40 x 40 | 55 x 55 |
| €/pc.<br>code | 7.46<br>1120 | 21.73<br>1081 | 36.09<br>1084 | 102.80<br>1087 |
| **GREEN GULLY** | | | | |
| Dimensions (cm) | 20 x 20 | 30 x 30 | 40 x 40 | 55 x 55 |
| €/pc.<br>code | 11.51<br>1120V | 31.79<br>1081V | 59.18<br>1084V | - |
| Standard packaging pcs/pallet | 180 | 96 | 36 | 12 |

## TRAFIC GULLY IN PP

tab.1

| GREY GULLY COVER | | | | |
|---|---|---|---|---|
| Dimensions (cm) | 20 x 20 | 30 x 30 | 40 x 40 | 55 x 55 ● |
| €/pc.<br>code | 3.68<br>1122 | 8.97<br>1083 | 21.22<br>1086 | 75.34<br>1088 |
| **GREEN GULLY COVER** | | | | |
| Dimensions (cm) | 20 x 20 | 30 x 30 | 40 x 40 | 55 x 55 |
| €/pc.<br>code | 6.69<br>1122V | 17.94<br>1083V | 36.09<br>1086V | - |

● GREY GULLY COVER 55 x 55 (code 1088): PP HEAVY DUTY GULLY COVER

November 2025 PRICE LIST

# drains

Corrugated pipes in HDPE polyethylene for soil drainage.
Excellent mechanical and chemical performance that guarantees reliability and safety during uptake, collection and removal of excess water from the soil.
They are used in agriculture, constructions, infrastructure works, land reclamation for land affected by hydrological&geological instability, in waste disposal plants and in sports facilities.
The quality of materials ensures excellent resistance to chemical and bacterial agents in the soil.

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LEGEND
[1] 25 m coil
ND/OD Outer diameter HDPE pipe
ND/ID min Minimum inner diameter
PRODUCT CODE
Images, drawings and figures are for illustrative purposes only. Fittings, special parts or geotextiles not included in this price list are available on request.

## DRENOFILTER IN HDPE

**STRUCTURED DOUBLE-LAYER WALL FLEXIBLE DRAIN PIPE**

Ring stiffness class SN4 (4 KN/m2) determined according to UNI EN ISO 9969. 360° slotting (6 rows of uptake slots). Pre-coated pipe with non-woven geotextile filter made of 150 g/m² synthetic fibre, RAL 6004 green.
Corrugated outside/smooth inside. Coils complete with joint sleeve with fixing fins
**PRE-COATED IN NON-WOVEN FABRIC (NWF)**

tab.18

**50 m COILS***

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Joint type | | SLEEVE WITH FIXING FINS | | | | | | |
| Slotting type | | F6N | | | | | | |
| ND/OD (mm) | | 63 | 75 | 90 | 110 | 125 | 160 | 200 |
| ND/ID (mm) | | 51.0 | 59.5 | 71.5 | 92.2 | 105.3 | 135.0 | 175.0 |
| €/m<br>code | | 5.12<br>19DF063 | 6.12<br>19DF075 | 6.83<br>19DF090 | 8.09<br>19DF110 | 10.30<br>19DF125 | 16.63<br>19DF160 | 28.84<br>19DF200 |
| STANDARD PACKING | coils/ pallet | *6 (300 m)* | *6 (300 m)* | *6 (300 m)* | *4 (200 m)* | *4 (200 m)* | *4 (200 m)* | *4 (100 m)* |

* DRENOFILTER pipe ND/OD 200 mm: 25 m coils

## HDPE DRENOCOR DP

**STRUCTURED DOUBLE-LAYER WALL FLEXIBLE DRAIN PIPE**

Ring stiffness class SN4 (4 KN/m²) determined according to UNI EN ISO 9969. 360° slotting (6 rows of uptake slots).
Corrugated outside/smooth inside. Coils complete with joint sleeve with fixing fins

tab.19

**50 m COILS**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Joint type | SLEEVE WITH FIXING FINS | | | | | | |
| Slotting type | F6N | | | | | | |
| ND/OD (mm) | 63 | 75 | 90 | 110 | 125 | 160 | 200 |
| ND/ID (mm) | 51.0 | 59.5 | 71.5 | 92.2 | 105.3 | 135.0 | 175.0 |
| €/m<br>code | 2.67<br>19DP063 | 3.39<br>19DP075 | 3.84<br>19DP090 | 4.79<br>19DP110 | 5.98<br>19DP125 | 9.93<br>19DP160 | 17.45<br>19DP200 |

## HDPE DRENOBAR

**STRUCTURED DOUBLE-LAYER WALL RIGID DRAIN PIPE**

Ring stiffness class SN8 (8 KN/m²) determined according to UNI EN ISO 9969. 240° slotting (5 rows of uptake slots).
Corrugated outside/smooth inside. Bars complete with joint sleeve with fixing fins

tab.20

**6 m BARS**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Joint type | SLEEVE WITH FIXING FINS | | | | | | |
| Slotting type | F5S ■ | | | | | | |
| ND/OD (mm) | 63 | 75 | 90 | 110 | 125 | 160 | 200 |
| ND/ID (mm) | 51.0 | 59.5 | 71.5 | 92.2 | 105.3 | 135.0 | 175.0 |
| €/m<br>code | - | - | - | 5.50<br>19DB110 | 6.87<br>19DB125 | 11.46<br>19DB160 | 19.12<br>19DB200 |

■ Upon request and for quantities to be agreed upon, DRENOBAR can be supplied with 180° slotting (4 rows of uptake slots) or 120° slotting (3 rows of uptake slots)

drains

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# DRENOBAR TNT IN HDPE

**STRUCTURED DOUBLE-LAYER WALL RIGID DRAIN PIPE**

Class of ring stiffness SN4 (4 KN/m$_2$) or SN8 (8 KN/m$_2$) determined according to UNI EN ISO 9969. 180° slotting (4 rows of uptake slots), 240° slotting (5 rows of uptake slots) or 360° slotting (6 rows of uptake slots). Pre-coated pipe with non-woven geotextile synthetic fibre filter. Corrugated outside/smooth inside. Standard colour for bars: black. Sleeve joint with fixing fins (ND/OD 125-160/200 mm) or bell (ND/OD 250-315 mm)

**PRE-COATED IN NON-WOVEN FABRIC (NWF)**

## 6 m BARS

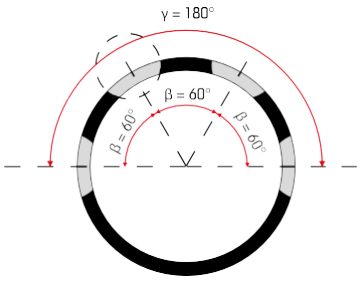
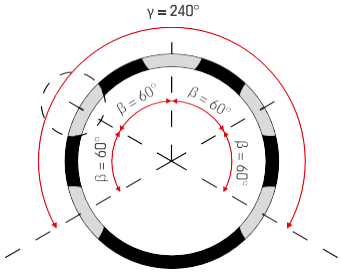
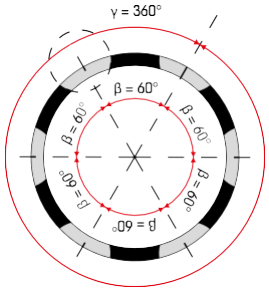
tab.21

| Joint type | | WITH SLEEVE WITH FIXING FINS | | | | WITH BELL | | |
|---|---|---|---|---|---|---|---|---|
| Slotting type | | F5S | | | | F4S - F6N | | |
| ND/OD (mm) | | 125 | 160 | 200 | | 250 | 315 | 400 |
| ND/ID (mm) | | 105.3 | 135.0 | 175.0 | | 217.0 | 272.0 | 343.0 |
| SN4 4 KN/m$_2$ | €/m | - | - | 26.68 | | 44.14 | 58.06 | 83.52 |
| | code | | | 19DB200F4 | | 43250F4 | 43315F4 | 43400F4 |
| SN8 8 KN/m$_2$ | €/m | 15.82 | 24.64 | 29.20 | | 49.89 | 63.85 | 92.79 |
| | code | 19DB125F8 | 19DB160F8 | 19DB200F8 | | 43250F8 | 43315F8 | 43400F8 |

◆ Standard colours: blue/yellow/red outside, black inside

## AVAILABLE SLOTTING AND CHARACTERISTICS OF THE DIFFERENT TYPES OF SLOTTING

tab.22

| DRENOBAR TNT WIH BELL (Tab. 21)<br>ND/OD 250 ÷ 400 SN4<br>ND/OD 250 ÷ 400 SN8 | DRENOBAR (Tab. 20)<br>ND/OD 63 ÷ 200 SN8<br>DRENOBAR TNT WITH SLEEVE (Tab. 21)<br>ND/OD 250 ÷ 400 SN4<br>ND/OD 250 ÷ 400 SN8 | DRENOFILTER (Tab. 18)<br>ND/OD 63 ÷ 200 SN4<br>DRENOCOR DP (Tab. 19)<br>ND/OD 63 ÷ 200 SN4<br>DRENOBAR TNT WIH BELL (Tab. 21)<br>ND/OD 250 ÷ 400 SN4<br>ND/OD 250 ÷ 400 SN8 |
|---|---|---|
| **F4S SLOTTING** | **F5S SLOTTING** | **F6N SLOTTING** |
|  |  |  |
| Slot rows: 4<br>Angle (β) between slot rows: 60°<br>Total slotted angle (γ): 180° | Slot rows: 5<br>Angle (β) between slot rows: 60°<br>Total slotted angle (γ): 240° | Slot rows: 6<br>Angle (β) between slot rows: 60°<br>Total slotted angle (γ): 360° |

## SPECIFICATIONS FOR SUPERFLUID PIPES

Supply and laying of structured wall pipe in High Density Polyethylene (HDPE) for buried non-pressurised sewer pipes, manufactured by an ISO 9001, ISO 14001 and ISO 45001 certified company, co-extruded with a double wall, corrugated and black outside while smooth and grey inside to facilitate visual inspections, with a Nominal Outer Diameter ND/OD
…. (125÷630 mm).
The pipe must comply with EN 13476-3, UNI EN 13476-3, type B and must classify as Ring Stiffness Class SN ... (SN4 or SN8) KN/m² measured according to UNI EN ISO 9969.
The pipe must have a special joint system integrated in each bar and consisting of the two full-wall ends, thickness class SDR 41 (Outer Dia./thickness = 41), of which one is smooth (spigot) and the other is bell-shaped, made by thermoforming, without welds, and provided with a housing or preformed seat for the single lip-seal gasket, made of EPDM, according to UNI EN 681/WC.
Furthermore, the pipe must bear the marking required by the Reference Standard and the IIP UNI and/or PiiP Quality Marking (Product Certificate) and it must be provided, upon customer request, with the relevant test certificate or declaration of conformity to the following tests/standards:

- ring stiffness tests (SN) according to UNI EN ISO 9969;
- hydraulic sealing tests of the joint system at +2.0 bar under pressure and at -0.8 bar under vacuum for 15 min according to UNI EN ISO 13259:2020 (test conditions: A);
- the compliance of the integrated quality system and environmental and corporate safety management with ISO 9001, ISO 14001 and ISO 45001.

## SPECIFICATIONS FOR SUPERFLUID PSV PIPES

CERT. 024/2020

Supply and laying of structured wall pipe in High Density Polyethylene (HDPE) for buried non-pressurised sewer pipes, manufactured by an ISO 9001, ISO 14001 and ISO 45001 certified company, co-extruded with a double
wall, corrugated and black outside while smooth and grey inside to facilitate visual inspections, with a Nominal Outer Diameter ND/OD ….
(125÷630 mm).
The pipe must comply with EN 13476-3, UNI EN 13476-3, type B and must classify as Ring Stiffness Class SN ... (SN4 or SN8) KN/m₂ measured according to UNI EN ISO 9969. The outer wall is made of Second Life Plastics (PSV) ECO MIX with a minimum content of 30% polymer derived from pre-consumer recycled material, relative to the overall weight of the bar.
The pipe must have a special joint system integrated in each bar and consisting of the two full-wall ends, thickness class SDR 41 (Outer Dia./thickness = 41) of which one is smooth (spigot) and one is bell-shaped, made by thermoforming,
without welds, and provided with a housing or preformed seat for the single lip-seal gasket, made of EPDM, according to UNI EN 681/WC.
Furthermore, the pipe must bear the marking required by the Reference Standard and the IIP UNI and/or
PiiP Quality Marking (Product Certificate) and it must be provided, upon customer request, with the relevant test certificate or declaration of conformity to the following tests/standards:

- ring stiffness tests (SN) according to UNI EN ISO 9969;
- hydraulic sealing tests of the joint system at +2.0 bar under pressure and at -0.8 bar under vacuum for 15 min according to UNI EN ISO 13259:2020 (test conditions: A);
- the compliance of the integrated quality system and environmental and corporate safety management with ISO 9001, ISO 14001 and ISO 45001.

## SPECIFICATIONS FOR KINGCOR PIPES

Supply and laying of structured wall pipe in Polypropylene High Modulus (PPHM) free of halogens and heavy metals for buried non-pressurised drain pipes, manufactured by an ISO 9001, ISO 14001 and ISO 45001 certified company, co-extruded with a double wall, corrugated brown RAL 8023 outside while smooth yellow RAL 1021 inside to facilitate visual inspections, with a Nominal Inner Diameter ND/ID ….(200 mm ÷ 600 mm)
The pipe must comply with EN 13476-3, UNI EN 13476-3, type B and must classify as Ring Stiffness Class SN ... (SN4 or SN8) KN/m₂ measured according to UNI EN ISO 9969.
The pipe must have a special bell-and-spigot joint with sealing ring integrated in each bar and consisting of the two full-wall ends, thickness class SDR 41 (Outer Dia./thickness = 41) of which one is smooth (spigot) and the other is bell-shaped, made by thermoforming, without welds, and provided with a housing or preformed seat for the single lip-seal gasket, made of EPDM, according to UNI EN 681/WC.
Furthermore, the pipe must bear the marking required by the Reference Standard and the IIP UNI and/or PiiP Quality Marking (Product Certificate) and it must be provided, upon customer request, with the relevant test certificate or
declaration of conformity to the following standards/tests:

- ring stiffness tests (SN) according to UNI EN ISO 9969;
- hydraulic sealing tests of the joint system at +2.0 bar under pressure and at -0.8 bar under vacuum for 15 minutes according to UNI EN ISO 13259:2020 (test conditions: A);
- the compliance of the integrated quality system and environmental and corporate safety management with ISO 9001, ISO 14001 and ISO 45001

## SPECIFICATIONS FOR SEDICI PLUS PIPES

Supply and laying of structured wall pipe in Polypropylene High Modulus (PPHM) for buried non-pressurised drain pipes, manufactured by an ISO 9001, ISO 14001 and ISO 45001 certified company, co-extruded with a double wall, corrugated and brick red RAL 8023 outside while smooth and white inside to facilitate visual inspections, with a Nominal Outer Diameter ND/OD…..(200 mm ÷ 630 mm)
The pipe must comply with EN 13476-3, UNI EN 13476-3, type B and it must classify as Ring Stiffness Class SN16 KN/m$_2$ measured according to UNI EN ISO 9969.
The pipe must have a special joint system integrated in each bar and consisting of the two full-wall ends, thickness class SDR 41 (Outer Dia./thickness = 41), of which one is smooth (spigot) and the other is bell-shaped, made by thermoforming, without welds, and provided with a housing or preformed seat for the single lip-seal gasket, made of EPDM, according to UNI EN 681/WC.
Furthermore, the pipe must bear the marking required by the Reference Standard and the IIP UNI or PiiP Quality Marking (Product Certificate) and it must be provided, upon customer request, with the relevant test certificate or
declaration of conformity to the following standards/tests:

- ring stiffness tests (SN) according to UNI EN ISO 9969;
- hydraulic sealing tests of the joint system at +2.0 bar under pressure and at -0.8 bar under vacuum for 15 min according to UNI EN ISO 13259:2020 (test conditions: A);
- the compliance of the integrated quality system and environmental and corporate safety management with ISO 9001, ISO 14001 and ISO 45001.

## SPECIFICATIONS FOR DRENOFILTER PIPES

Supply and laying of double-walled polyethylene (PE) structured flexible pipes, with corrugated outer walls and smooth inner walls, max. corrugation = 2% (difference between max. inner diameter and min. inner diameter), made by continuous co-extrusion of the two walls, provided with slots in rows at 60° intervals over the entire circumference
(6 rows of 360° slots).
The corrugated pipes for soil drainage must be supplied in coils complete with joint sleeves and already covered by a non-woven rot-proof synthetic fibre geotextile filter, fully bonded to the pipe over its entire length, ensuring perfect adhesion. The longitudinal filter closure must be ultrasonic welded, without the use of glues and/or adhesives. Filter characteristics

- Mass = 150 g/m$_2$ (EN 9864)
- Transverse tensile strength = 7.3 KN/m (EN ISO 10319) Longitudinal tensile strength = 6.0 KN/m (EN ISO 10319) Elongation at break = 30% (EN
- ISO 10319)
- In-plane flow capacity 1.00 10-3 l/ms (EN ISO 12958) Static puncture resistance 1.0 KN (EN ISO 12236)
- The corrugated pipes for soil drainage must have ring stiffness class SN4 (4 KN/m$_2$) determined according to UNI EN ISO 9969 and they must be manufactured by a company operating with an integrated quality, environmental and corporate safety management system compliant with ISO 9001, ISO 14001 and ISO 45001.
- It includes everything else needed to deliver the finished work

***For many years, Riccini S.r.l. has chosen to follow, with conviction and consistency, a path of attention to the environmental footprint of its own manufacturing; in this context, in addition to the Quality and Safety certifications (ISO 9001 and ISO 45001), the environmental certification ISO 14001, the procurement of the MEC logo (Minimum Environmental Criteria), the KIWA/IPPR marking (Second Life Plastics PSV) and the membership in the PolieCo Consortium, we choose, many years ago, to abandon production with a higher environmental impact.***

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plastica seconda vita MIX ECO CERT. 024/2020

EPDITALY1150 del 28/08/2025
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## GENERAL TERMS OF SALE

### Introduction:
**These terms of sale are deemed accepted by the customer upon order placement.**
**Orders are subject to "order approval".**

### Delivery terms:
**Delivery terms are non-binding and no compensation is due for delayed shipment.**

### Deliveries:
**The goods always travel at the expense, risk and peril of the customer, even if sold ex destination;**
**materials delivered by means of the seller must be checked at the time of delivery and notice must be given on the transport document.**

### Complaints:
**Regarding the use of sold goods, the seller disclaims any liability: complaints about product quality must be received by registered mail within 8 days from the date the goods were received.**
**Liability will, however, be limited to the replacement of materials recognised by the seller as defective.**
**No compensation will be recognised for transport, installation expenses and damages to third parties.**

### Payments:
**Must be made at our registered office. After the payment deadline indicated on the invoice, legal interest provided by current regulations will be charged.**

### Ownership of the goods:
**Ownership of the goods will transfer to the customer only upon full payment of the related invoice.**

### Jurisdiction:
**For any dispute, the competent court is that of Perugia.**

## CONTACT DATA

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material availability/packing slips: ddt@riccini.it
material availability/deliveries: spedizioni@riccini.it

ASSOCIATO

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