



catalogue



Quality and innovation in pipes since 1952

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ENG

OUR COMPANY: A TRADITION WITH ITS ROOTS IN THE FUTURE

RICCINI began in 1952 as the work of manufacturing cement pipe for sewer drain systems by the brothers, Andrea, Mario and Marzilio.

In the 1970 market, which had learned to appreciate the reliability and technical ability, drove the firm toward undertaking the manufacture of plastic pipes and fittings.

That drive has not yet ended, taking RICCINI right up to today, with its immense range of available products that are used in the most varied sectors and applications.

From that now distant 1970, our marketing, technological and manufacturing development has been constant and steady: from our first polyvinyl chloride (PVC) pipes for the building trade, traversing our first quarter century of business, RICCINI, has started the manufacture of corrugated high density polyethylene (HDPE) pipes for cable conduit (CORRUGAR).

Our turnover has had the same regular growth as our client base and our staff development. This continuity has enabled us to commit significant resources to research, technological development and renovation of our manufacturing facilities, rooting our tradition firmly in the future.

In 1994, strong development in the HDPE corrugated pipe sector brought about the creation of a second manufacturing unit, nearby the historical headquarters at Ponte Felcino (PG).

Similar considerations brought about, in 2001, the inauguration of a third facility dedicated to the manufacture of PE pipes for potable water and gas transport under pressure (POLIER, POLIER BD and POLIER GAS), in the industrial park at Ponte San Giovanni (PG).

The new millennium brought new success with it as well as new production and logistics demands: in 2003 POLIER, POLIER BD and POLIER GAS pipe manufacturing facility was moved to a newly acquired 130,000 m² site, of which 9,000 m² are covered, in the San Martino in Campo (PG) district.

Still in San Martino in Campo, in 2006, the innovative manufacture of KINGCOR structured wall pipe in high modulus polypropylene (HMPP) for sewer drains began, placing RICCINI, in the vanguard among Italian manufacturers. Over the period 2008-2009 the CORRUGAR pipe production lines were moved to the new facility along with new production lines for front line products already well known and appreciated by the market, such as ECOPOZZO, non-toxic and eco-compatible well pipe in HMPP, TRIPPLO+, high strength HMPP pipe with triple layer walls for sewer systems, SIMPLE CROWN TECHNICAL COUPLINGS universal fluid tight coupling systems and DRENOFILTER, the corrugated drainage pipe pre-clad with a synthetic filter.

The facility consolidation process was completed with the move of the sales and administrative offices to the new San Martino in Campo area in October 2009.



Aerial view of the RICCINI facilities in San Martino in Campo locality Perugia (PG). One may identify the facility entryway (A), entry to the offices and for automobiles (B), the office building complex (C), the Logistics Centre (D) and the entry to the engineering/laboratory area (E). With the SS3bis/E45 [National Hwy.] on the right.



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HDPE DOUBLE WALL PIPES FOR SEWER LINES - IN BARS



Double wall pipe in high density polyethylene (HDPE) for civil and industrial drainage systems compliant with EN 13476-3:2009, UNI EN 13476-3:2009 standards.

Available in the SN4 KN/m² and SN8 KN/m² series, in diametres from 160mm to 630mm, in bars with 6m or 3m (SN4 series only) length. Sleeve couplings. Colour: black external wall with blue inside wall. A complete series of fittings and accessories is available. Check FLUID on www.riccini.it: choose English flag, then click on PRODUCTS AND CERTIFICATIONS, PIPES AND FITTINGS FOR SEWER, and FLUID



HIGH MODULUS PP PIPES - IN BARS WITH STRUCTURED WALLS FOR SEWER LINES



KINGCOR is the innovative pipe, made exclusively with high modulus polypropylene (HMPP) based compounds, compliant with the EN 13476-2:2007, UNI EN 13476-2:2007, EN 13476-3:2009, UNI EN 13476-3:2009, HRN EN 13476-3 standards for the implementation of underground sewer systems.

The KINGCOR line has been normalized on internal diametres according to European usage, with implementation of the flow rates based on diametre ranges compared to the series normalized on external diametres.

KINGCOR has been manufactured in 100% recyclable and eco-compatible materials.

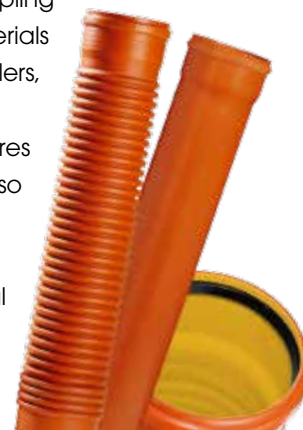
The light weight of the structured walls, the high performance of the HMPP, the compatibility and possibility to perform coupling with lines systems made of different materials, the safety of the elastomer gasket coupling (product of several decades of experience) and the ease and rapidity of installation and materials handling make KINGCOR the first choice of an ever increasing number of designers, installers, architects and draughtsmen.

The KINGCOR line includes, for the SN4 KN/m² and SN8 KN/m² series with internal diametres DN/ID from 200mm to 600mm, double structured walls. For the SN8 KN/m² series, pipes are also available from DN/ID 200mm to 300mm, with triple layer wall.

Kingcor is produced in bars with 6,20 m, 3,20 m and 1,20 m length.

The colour of the outside of the pipes are RAL 8023 red-brown with RAL 1021 yellow internal walls, (the triple layer type has RAL 8023 red-brown colour).

Check KINGCOR on www.riccini.it: choose English flag and click on TOP-RANGE PRODUCTS and KINGCOR



Coupling seal test according to UNI EN 1277: the test verifies the Kingcor pipe coupling system performance under critical situations in which the socket may be deformed.

HIGH STRENGTH PP PIPES - IN BARS WITH TRIPLE LAYER WALLS FOR SEWER LINES



triPPlo+



❄️ **suitable for installation at -10°C (14 °F)**

TriPPlo+ is a high strength pipe, made exclusively from high modulus polypropylene (HMPP) based compounds compliant with the EN 13476-2:2007, ONR 20513:2011, UNI EN 13476-2:2007 standards, for the realisation of underground sewer systems. TriPPlo+ is suitable for installation at -10 °C (14°F) and it is perfectly compatible and jointable with systems like Kingcor or with lines made of different materials.

Junction system: smooth socket coupling with seat for elastomer gasket (factory installed). Gasket is provided with rigid PP ring to prevent unthreading during junction. The three layers are engineered to avoid surface damages, to improve the impact resistance, to protect the internal surface from abrasion; in other words to ensure to this excellent pipe its very high performing capacity. TriPPlo+ system is completed from a series of joints and accessories made from the same material (See "ACCESSORIES" in this catalogue). TriPPlo+ is available in the SN8 KN/m², SN12 KN/m² and SN16 KN/m² series with diametres from 125 mm to 415 mm. The bar length is 6,20 m, 3,20 m and 1,20 m. Colours: external RAL 8023 red-brown; internal white. Check TRIPPLo+ on www.riccini.it: choose English flag and click on TOP-RANGE PRODUCTS and TRIPPLo+



ACCESSORIES

pipe fittings

The KINGCOR and TRIPPLo+ line of pipe fittings, comprised of elbows, traps, bypasses, inspection wells, jolly fittings (for KINGCOR pipe; fittings to be used for repair of the socket or the tang in case the pipe is cut), reducers, plugs, transition fittings for connection to the lines made with different materials, make the "RICCINI system" totally effective and efficient. The KINGCOR and TRIPPLo+ line of pipe fittings is made starting from double wall or triple layer KINGCOR or TRIPPLo+ pipes, with socket couplings having elastomer gaskets, in the same colour as the pipes.

The range of diametres covers all of the KINGCOR and TRIPPLo+ pipe application requirements.

RICCINI: many demands...one solution... because our work is to simplify your job!

Check PIPE FITTINGS on www.riccini.it in the price lists of TRIPPLo+ and KINGCOR (see).



COUPLINGS



simple crown technical coupling

Universal polypropylene (PP) technical couplings for connection of sewer line pipes, coupling to manholes, creation of drains and linear inspection wells, etc.

These are available for coupling lines with a DN/OD 160mm external diameter or with DN/ID 200mm internal diameter on pipelines/manholes with internal or external diameter from 250mm to 1200mm.

This socket-type fitting with elastomer gasket is compliant with UNI EN 681/1 WC Standard. It has a very strong hydrostatic seal verified with inspection tests pursuant to the UNI EN 13476-1 Standard; tests conducted with the UNI EN 1277 method.

Excellent detachment resistance strength. Colour RAL 8023 red-brown

**Simple on-site installation + seal security + RICCINI quality = Simple Crown Technical Coupling
...the right ingredients for a successful mix!**



Other possible applications for the Simple Crown Technical Coupling: creation of inspection wells, drains...

Above: Simple Crown technical coupling installed on Kingcor pipes.



Check SIMPLE CROWN TECHNICAL COUPLING on www.riccini.it: choose English flag and click on TOP-RANGE PRODUCTS and SIMPLE CROWN

MANHOLES

manholes

Inspection wells made in high modulus polypropylene (HMPP) may be with flat or channelled bottom or in a jump well configuration.

The range of diameters available (600mm, 800mm, 1000mm) goes together with the great number of possible inlet/outlet pipe combinations: from 200mm to 600mm, with many different standard bottom configurations. The wells may be made at any height indicated in the job site specifications, whilst many accessories are available, such as: concentric and eccentric reduction cones, welded extensions, ladders, etc. Each of the already numerous approaches may be customised further (e.g. in the number or placement of the connections) to enable a perfect and complete fit of the product to the specific and always different and peculiar demands of a job-site installation.

Check MANHOLES on www.riccini.it: choose English flag and click on TOP-RANGE PRODUCTS, KINGCOR, PRICE LIST, than see at Tables 7, 8, 9 and 10).



Seen from the inside of an inspection well, in one of the multiplicity of possible configurations.

CORRUGATED CABLE CONDUIT IN HDPE - IN SPOOLS AND/OR BARS

For running and protection of electrical cables with anti UV stabilisation.



Double wall conduit, externally corrugated and internally smooth, flexible, made of a high density polyethylene (HDPE) compound, N class with a minimum crush resistance grade of >450 N, compliant with CEI EN 61386-1:2009, CEI EN 61386-24:2011 standards. Compliant with L.V. Directive 2006/95/CE (CE mark).

Available in diametres from 40mm to 200mm, in 25m or 50m spools with pull roll (in polyester) and sleeve. Colour: red with black interior.



Rigid "ENEL type" double wall conduit, corrugated outside and smooth inside, made of an N class HDPE based compound with a >750 N minimum crush resistance compliant with CEI EN 61386-1:2009, CEI EN 61386-24:2011 standards.

Compliant with L.V. Directive 2006/95/CE (CE mark).

Available in the following diametres: 110mm, 125mm, 160mm and 200mm, in bars with 6m lengths with sleeve. Colour: black

For further informations please send an email to export@riccini.it or to customer@riccini.it



CORRUGATED SLOTTED DRAIN PIPES IN HDPE IN SPOOLS AND/OR BARS

For ground draining, with an annular rigidity class determined as indicated by the UNI EN ISO 9969 Standard.

drenobar

Double wall pipe, corrugated on the outside and smooth on the inside, stabilized against UV radiation, rigid and slotted at 240° in 5 rows of slots available in diametres from 160mm to 200mm in bars with 6m length with sleeve. Annular rigidity class: SN8 KN/m². Colour: outside/inside black.

drenocor dp

Double wall pipe, corrugated on the outside and smooth on the inside, stabilized against UV radiation, flexible and slotted at 360° in 6 rows of slots available in diametres from 63mm to 200mm in 50m spools with sleeve. Annular rigidity class: SN4 KN/m². Colour: outside RAL 6032 green, inside black.



Double wall pipe, corrugated on the outside and smooth on the inside, flexible and clad with a geotextile synthetic filter during manufacture, for on-site installation altogether similar to the installation of a normal pipe on a spool.

Slotted at 360° in 6 rows of slots, available in diametres from 63mm to 200mm in 50m spools with sleeve. Annular rigidity class: SN4 KN/m².

Colour: outside RAL 6032 green/inside black. Filter colour RAL 6004 green.

Check DRAIN PIPES on www.riccini.it: choose English flag and click on TOP-RANGE PRODUCTS and DRENOFILTER (or DRENOCOR or DRENOBAR)



Drenobar (to the left) and Drenofilter (in the centre); further to the right Drenocor dp

HDPE PIPES FOR WATER AND GAS TRANSPORTATION UNDER PRESSURE - IN SPOOLS AND/OR BARS



High density IIIrd generation polyethylene (HDPE-PE100) pipe for underground pressurised fluid transport lines, compliant with EN 12201-2:2011, UNI EN 12201-2:2012, UNI EN ISO 15494:2005 standards, and the Italian Health Ministry Decree No. 174/2004 on the hygienic regulation of plastics for piping that is to come into contact with potable fluids or those to be made potable.

Available in the PN10/SDR 17, PN12,5/SDR 13,6, PN16/SDR 11 and the PN25/SDR 7.4 series in the diametres from 20mm to 250mm; packaged in spools of 50m or 100m or in bars with 6m or 12m length.

Colour: black with light blue co-extruded stripes.



High density IIIrd generation polyethylene (HDPE-PE100) pipe for underground pressurised combustible gas transport lines, compliant with UNI EN 1555-2:2011 Standard. Available in the S5/SDR 11 and the S8/SDR 17.6 series in the diametres from 20mm to 250mm; packaged in spools of 50m or 100m or in bars with 6m or 12m length.

Colour: black with yellow co-extruded stripes.



Low density polyethylene (LDPE) pipe for low pressure irrigation fluid transport lines, compliant with UNI EN 7990:2004 standard, available in the PN4/SDR 17 and PN6/SDR 11,6 series

in the diametres from 16mm to 110mm; packaged in spools of 25m, 50m, 100m or 200m.

Colour black.



Check POLIER on www.riccini.it: choose English flag, than click on PRODUCTS AND CERTIFICATIONS, PIPES AND FITTINGS FOR WATER AND GAS, and POLIER, (or POLIER GAS or POLIER BD)

PP INSPECTION WELLS AND GRATED GULLIES

pozzetto riccini inspection well

One piece polypropylene (PP) inspection structure for civil or electrical underground system installation (junction couplings, drains and inspection), fitted with concentric cut outs in each vertical wall.

Bottom may be removed, possibility that this may be closed with a solid cover or a grating.

A trap may be installed with the specific frame or bell trap; these are available in the colours light grey or green in the sizes 200mm x 200mm, 300mm x 300mm and 400mm x 400mm) and only in light grey for the size 550mm x 550mm.

drain gully

Modular gully in PP, with grate, also in PP used for collection and drainage of surface water in driveways, roadways and gardens.

Resistant to chemical agents and shock, good resistance to moss and other sediments or impurities that run in the channel. Available in light grey in the type A (520 mm x 200 mm x h 180 mm) or in the type B (520 mm x 130 mm x h 110 mm).

Check INSPECTION WELLS on www.riccini.it:

choose English flag, than click on PRODUCTS AND CERTIFICATIONS, INSPECTION WELLS FOR HYDRAULIC AND/OR ELECTRIC USE, and POZZETTO RICCINI



HDPE PIPES FOR TELECOMMUNICATION NETWORKS (OPTICAL FIBRES) - IN SPOOLS

PEHD PIPE for running and protection of optical fibres cables.

monotubo (single pipe)

High density polyethylene (HDPE) single pipe, compliant with standard specifications of the major Italian and international providers of optical fibres telecommunication networks, equipped with internal ribbing that notably and permanently reduces the internal friction coefficient during installation or replacement of long tracts of cable. Available in 40mm and 50mm diametres in 300m standard length spools. Standard colour: black. For significant quantities, colour, diametre and length of the spools may be custom ordered.

tritubo piano (flat triple pipe)

Multi-duct conduit in high density polyethylene (HDPE), with three single pipes lying on one level. The single extrusion profile ensures compactness, excellent technical-mechanical performances. Compliant with standard specifications of the major Italian and international providers of optical fibres telecommunication networks, equipped with internal ribbing that notably and permanently reduces the internal friction coefficient during installation or replacement of long tracts of cable. Available in 50mm diametre in 350m standard length spools. Standard colour: black. For significant quantities, colour, diametre and length of the spools may be custom ordered.

tritubo stellare (stellar triple pipe)

Multi-duct conduit in high density polyethylene (HDPE), with three single pipes forming an equilateral triangle. The particular profile ensures excellent technical-mechanical performances. Compliant with standard specifications of the major Italian and international providers of optical fibres telecommunication networks, equipped with internal ribbing that notably and permanently reduces the internal friction coefficient during installation or replacement of long tracts of cable. Available in 25mm diametre in 500m standard length spools.

Standard colour: black. For significant quantities, colour, diametre and length of the spools may be custom ordered.

Check SINGLE PIPES AND MULTI-PIPES on www.riccini.it: choose English flag and click on TOP-RANGE PRODUCTS and STELLAR TRIPLE PIPE



PP PIPES FOR WATER WELLS - IN BARS



ecopozzo



Triple layer wall pipe in non-toxic PP, for the accomplishment of the uptake and transport of underground water or fluids compliant with the Italian Health Ministry Decree No. 174/2004 on the hygienic regulation of plastics for piping that is to come into contact with potable fluids or those to be made potable. This material is eco-compatible and free of substances toxic for human beings; it is available with threaded couplings without socket (with the threads cut in the pipe walls) or with a smooth socket coupling (for anchorage by way of screws or rivets). This is suitable for use even at extreme temperatures (it has been used successfully in numerous thermal springs with water at 95°C/194°F as well as for installation at -10°C/14°F). It is distinguished by its excellent physical-mechanical performance properties. It is available in bars with minimum rigidity classes between 4 KN/m² and 40 KN/m², for minimum crush resistance values between 750 Newtons and 2250 Newtons. Diametres available: from 90mm to 400mm. Bar length: 5m. In the slotted versions, the standard slot dimensions are 0,5 mm (micro-slots) or 2,0mm.

Colour: RAL 5018 turquoise blue.

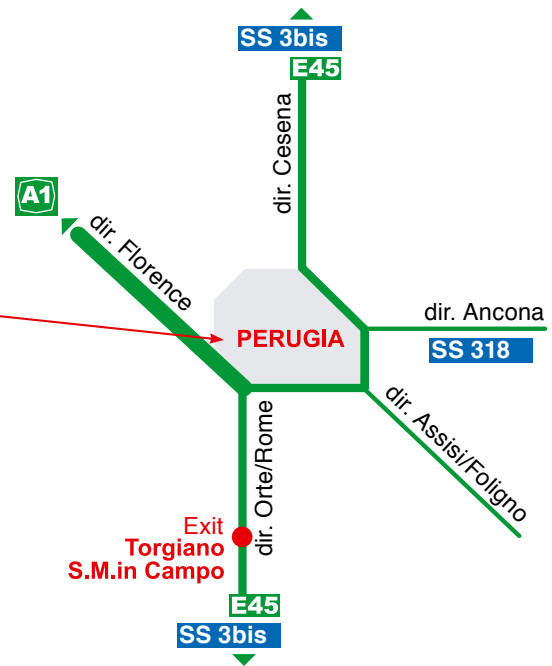
Check ECOPOZZO on www.riccini.it: choose English flag and click on TOP-RANGE PRODUCTS and ECOPOZZO



Test for annular rigidity determination on a sample of ecopozzo



WHERE WE ARE



THE REASONS FOR OUR SUCCESS

The vastness and completeness of the RICCINI range of products, which over time have testified to the success of the choices made, have enabled the company to operate in the market with the awareness of possessing the technical instruments and the human, commercial and manufacturing resources needed to satisfy even the most selective and specific demands of its expanding client base.

It is not by chance that the company has been operating according to the CISQ and IQNet Quality Systems Certification since 1997 and that by now many of its products are adorned with the top product brands and not just Italian ones.

The new headquarters combines all of this with a privileged position from the point of view of logistics, as it is placed adjacent to the "Torgiano/San Martino in Campo" on the S.S. 3bis/E45 Ravenna-Roma exit, just a few kilometres from the regional seat, directly connected with the "A1 Bettolle-Perugia" Motorway spur route and at about 15 minutes from the Perugia Sant'Egidio International Airport.



The sculpture commemorating our company's first fifty years of business, celebrated in 2002.



QUALITY TAKES PRECEDENCE

The RICCINI Quality system, complying with the the ISO 9001:2008 Standard, has been continuously certified since 1997, by way of CISQ - IQNet.

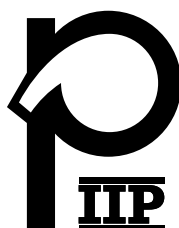
Working in compliance with the certification obtained means:

- Respect for the compliance of the product in relation to the established standards
- Planning of internal inspection visits
- Performing constant and all encompassing controls on the raw materials used, making use of qualified suppliers with ascertained and monitored quality
- Scheduling systems and production line maintenance so as to maintain their efficiency and, consequently, the quality of the products manufactured with them
- Implementing an effective policy of personnel training procedures
- Arranging and implementing Improvement Programmes for productivity efficiency, for the constancy of the products' qualitative standards and for the effectiveness of the services offered
- Activating all suitable means and equipment in order to satisfy our clients



The P/C laboratory where test inspections and compliance tests are performed on the raw materials and finished products, as well as the certification tests for new products.

OUR PRODUCTS' TRADEMARKS



CONTACTS



Quality and innovation in pipes since 1952

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