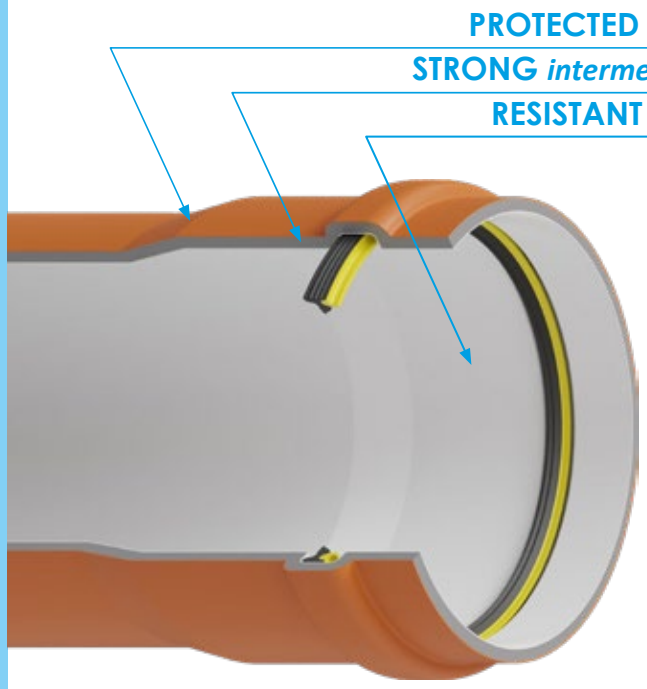
MEC NEW GASKETS RANGE GROWTH:
- ND/OD 110 mm SN8
- SLOTTED PIPES

riccini

Smooth-wall pphm pipes for non-pressure sewer systems

- triPPlo+
- triPPlo+ PSV
- Single pipe +

❄ Suitable for installation at -10°C

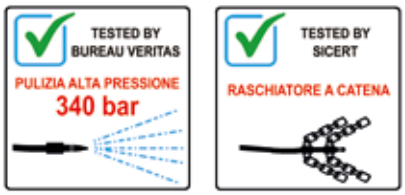


triPPlo+
triPPlo+ PSV

IN HIGH MODULUS POLYPROPYLENE PPHM
OR HIGH MODULUS POLYPROPYLENE PPHM+PSV
(SECOND-LIFE PLASTIC ECO MIX)
STANDARDISED ON THE OUTER DIA. ND/OD SN 8 KN/m² - SN 12 KN/m² - SN 16 KN/m²

monoPiPe+

IN HIGH MODULUS POLYPROPYLENE PPHM
STANDARDISED ON THE OUTER DIA. ND/OD
SN 8 KN/m² - SN 16 KN/m²



December 2025 price list

Compliant with reference standards

CERT. 024/2020

EN

triPPlo+® and triPPlo+® PSV

CERT. 024/2020

LEGEND

ID	Inner diameter
L	Effective length of the TriPPlo+ bars
ND/OD	Nominal diameter for pipes standardised on the outer diameter
T	Thickness

PRODUCT CODE

Images, drawings and figures are for illustrative purposes only.

Triple-layer smooth-wall pipe in high modulus polypropylene (PPHM); the inner layer is highly resistant to abrasion, the intermediate layer with high mechanical rigidity can be manufactured in virgin PPHM-based compound (TriPPlo+ pipe) or in second-life plastic (TriPPlo+ PSV pipe), i.e. raw material with a minimum of 40% recycled pre-consumer Second-Life Plastic ECO MIX from pipes and fittings.
Available in series SN8 KN/m², SN12 KN/m², and SN16 KN/m². ❄
Suitable for installation at -10 °C.
Manufactured in compliance with standards
· EN 13476-2, UNI EN 13476-2, S.T. IIP MOD. 1.1/1 (TriPPlo+ and TriPPlo+ PSV)
· KIWA/IPPR Second Life Plastic MIX ECO Certificate no. 024/2020 (TriPPlo+ PSV)
With IIP UNI, PiiP (TriPPlo+) and IIP UNI, PiiP, KIWA/IPPR (TriPPlo+ PSV) marking
Application code: U (code referring to an area more than one metre away from the building to which the underground piping system is connected).
Bell-and-spigot joint with sealing ring, with a housing for a pre-inserted elastomeric gasket aligned to the flow direction. There is a rigid fixing ring in PP (prevents the gasket from slipping out of its seat during the joining phases). Standard colouring: brown RAL 8023 outside - white inside

CERTIFIED FOR USE WITH HIGH-PRESSURE CLEANING (340 bar) AND/OR CHAIN SCRAPERS

Riccini has long chosen to activate and/or implement projects functional for the growth of circular economies. To date, this strategic vision allows the company to manufacture its TriPPlo+ PSV pipes meeting the requirements set by the Minimum Environmental Criteria (MEC) standards: the composition of TriPPlo+ PSV consists of 40% pre-consumer recycled material from pipes and fittings.
The two versions of the TriPPlo+ pipe are completely equivalent in terms of performance and regulatory compliance; in fact, both TriPPlo+ and TriPPlo+ PSV comply with the same standards and bear the same markings.
In short, they are absolutely interchangeable and can also be used simultaneously.

riciclabile recyclable · 100% ecofriendly · ❄ · 340 bar

UNI EN 13476 - 2

TRIPPLO+ IN HIGH MODULUS POLYPROPYLENE (PPHM)
TRIPPLO+ PSV IN PPHM AND SECOND-LIFE PLASTIC (PSV) FROM ECO MIX

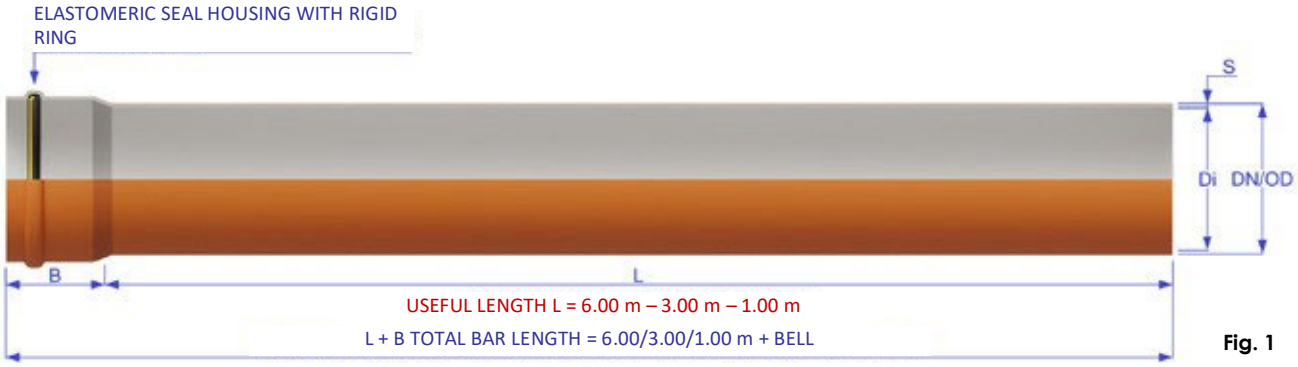


Fig. 1

GASKET DEFORMATION DUE TO OVERPRESSURE WILL INCREASE SEALING

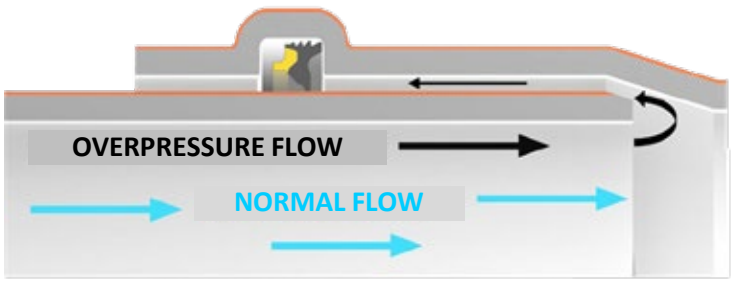


Fig. 2

TriPPlo+ and TriPPlo+ PSV pipes are compatible with the Riccini Single Crown technical joint *(visit www.riccini.it)*

triPPlo+® and triPPlo+® PSV

CERT. 024/2020

triPPlo+ and triPPlo+ PSV IN PPHM/PPHM+PSV

TRIPLE LAYER SMOOTH-WALL PIPES

For buried drain ducts - compliant with EN 13476-2, UNI EN 13476-2 S.T. IIP Mod.1.1/1 (triPPlo+ and triPPlo+ PSV) and KIWA/IPPR Second-life Plastic MIX ECO Cert. No. 024/2020 (triPPlo+ PSV). Application area: U - Bell-and-spigot joint with sealing ring, with a housing for a pre-inserted elastomeric gasket aligned to the flow direction, with a rigid PP ring to prevent pull-out during installation. Colour: brown RAL 8023 outside/ white inside.

❄ SUITABLE FOR INSTALLATION AT -10 °C

CERTIFIED FOR USE WITH HIGH-PRESSURE CLEANING (340 bar) AND/OR CHAIN SCRAPERS

Series SN8 KN/m² — tab.1

ND/OD (mm)			110	125	160	200	250	315	400	500
Maximum ID (mm)			102.4	116.4	149.2	186.4	232.8	293.6	373.0	466.2
Minimum T (mm)			3.8	4.3	5.4	6.8	8.6	10.7	13.5	16.9
PIPE	L = 6 m	€/m ◆	10.29	13.23	21.29	30.29	47.86	75.06	120.29	188.22
		code	53110E6S8.	53125E6S8.	53160E6S8.	53200E6S8.	53250E6S8.	53315E6S8.	53400E6S8.	53500E6S8.
	L = 3 m	€/m ◆	10.62	13.66	21.97	31.26	49.40	77.49	124.17	194.29
		code	53110E3S8.	53125E3S8.	53160E3S8.	53200E3S8.	53250E3S8.	53315E3S8.	53400E3S8.	53500E3S8.
	L = 1 m	€/m ◆	-	-	24.72 ■	35.17 ■	55.58 ■	-	-	-
		code			53160E1S8.	53200E1S8.	53250E1S8.			
SLOTTED PIPE ONLY L= 6 m BARS	SLOTTING F2S / F3N	€/m	16.29	19.23	27.29	37.29	54.86	82.06	127.59	195.52
		code ○	53110E6S8F2S... 53110E6S8F3N...	53125E6S8F2S... 53125E6S8F3N...	53160E6S8F2S... 53160E6S8F3N...	53200E6S8F2S... 53200E6S8F3N...	53250E6S8F2S... 53250E6S8F3N...	53315E6S8F2S... 53315E6S8F3N...	53400E6S8F2S... 53400E6S8F3N...	53500E6S8F2S... 53500E6S8F3N...
	SLOTTING F4S / F6N	€/m	-	-	28.99	38.79	56.36	83.56	129.79	197.72
		code ○			53160E6S8F4S...	53200E6S8F4S... 53200E6S8F6N...	53250E6S8F4S... 53250E6S8F6N...	53315E6S8F4S... 53315E6S8F6N...	53400E6S8F4S... 53400E6S8F6N...	53500E6S8F4S... 53500E6S8F6N...

Series SN12 KN/m² — tab.2

ND/OD (mm)			110	125	160	200	250	315	400	500
Maximum ID (mm)			-	-	147.8	185.0	231.2	291.2	370.0	462.4
Minimum T (mm)			-	-	6.1	7.5	9.4	11.9	15.0	18.8
PIPE	L = 6 m	€/m ◆	-	-	23.94	33.28	52.14	83.15	133.14	208.56
		code			53160E6S12.	53200E6S12.	53250E6S12.	53315E6S12.	53400E6S12.	53500E6S12.
	L = 3 m	€/m ◆	-	-	24.71 ■	34.36 ■	53.82 ■	85.84	137.43	215.29
		code			53160E3S12.	53200E312.	53250E3S12.	53315E3S12.	53400E3S12.	53500E3S12.
	L = 1 m	€/m ◆	-	-	27.80	38.65	60.55	-	-	-
		code			53160E1S12.	53200E1S12.	53250E1S12.			
SLOTTED PIPE ONLY L= 6 m BARS	SLOTTING F2S / F3N	€/m	-	-	29.94	40.28	59.14	90.15	140.44	215.86
		code ○			53160E6S12F2S... 53160E6S12F3N...	53200E6S12F2S... 53200E6S12F3N...	53250E6S12F2S... 53250E6S12F3N...	53315E6S12F2S... 53315E6S12F3N...	53400E6S12F2S... 53400E6S12F3N...	53500E6S12F2S... 53500E6S12F3N...
	SLOTTING F4S / F6N	€/m	-	-	31.64	41.78	60.64	91.65	142.64	218.06
		code ○			53160E6S12F4S...	53200E6S12F4S... 53200E6S12F6N...	53250E6S12F4S... 53250E6S12F6N...	53315E6S12F4S... 53315E6S12F6N...	53400E6S12F4S... 53400E6S12F6N...	53500E6S12F4S... 53500E6S12F6N...

Series SN16 KN/m² — tab.3

ND/OD (mm)			110	125	160	200	250	315	400	500
Maximum ID (mm)			-	-	146.2	183.6	229.6	289.2	367.2	459.0
Minimum T (mm)			-	-	6.9	8.2	10.2	12.9	16.4	20.5
PIPE	L = 6 m	€/m ◆	-	-	26.93	36.26	56.39	89.84	145.03	226.62
		code			53160E6S16.	53200E6S16.	53250E6S16.	53315E6S16.	53400E6S16.	53500E6S16.
	L = 3 m	€/m ◆	-	-	27.80 ■	37.43 ■	58.21 ■	92.74	149.71	233.93
		code			53160E3S16.	53200E3S16.	53250E3S16.	53315E3S16.	53400E3S16.	53500E3S16.
	L = 1 m	€/m ◆	-	-	31.28	42.11	65.48	-	-	-
		code			53160E1S16.	53200E1S16.	53250E1S16.			
SLOTTED PIPE ONLY L= 6 m BARS	SLOTTING F2S / F3N	€/m	-	-	32.93	43.26	63.39	96.84	152.33	233.92
		code ○			53160E6S16F2S... 53160E6S16F3N...	53200E6S16F2S... 53200E6S16F3N...	53250E6S16F2S... 53250E6S16F3N...	53315E6S16F2S... 53315E6S16F3N...	53400E6S16F2S... 53400E6S16F3N...	53500E6S16F2S... 53500E6S16F3N...
	SLOTTING F4S / F6N	€/m	-	-	34.63	44.76	64.89	98.34	154.53	236.12
		code ○			53160E6S16F4S...	53200E6S16F4S... 53200E6S16F6N...	53250E6S16F4S... 53250E6S16F6N...	53315E6S16F4S... 53315E6S16F6N...	53400E6S16F4S... 53400E6S16F6N...	53500E6S16F4S... 53500E6S16F6N...
STANDARD PACKING	L = 6 m	bars/ pallet	50	36	21	15	12	6	9	4
		m/ pallet	*300*	*216*	*126*	*90*	*72*	*36*	*54*	*24*
	L = 3 m	bars/ pallet	50	36	21	15	12	6	9	4
		m/ pallet	*150*	*108*	*63*	*45*	*36*	*18*	*27*	*12*
	L = 1 m	bars/ pallet	-	-	21	15	12	-	-	-
		m/ pallet	-	-	*21*	*15*	*12*	-	-	-

■ On request and for certain minimum quantities

◆ Code for TriPPlo+ PSV pipes, add PSV to the code, e.g.: TriPPlo+ PSV pipe ND/OD 250 SN8 of 3 m = 53250E3S8PSV

○ Code for slotted pipes: replace the three dots with the slot size; e.g.: TriPPlo+ pipe ND/OD 400 SN16 6 m with F6N slotting and 4 mm slots = 53400E6S16F6N4

TriPPlo+PSV slotted pipes, replace the three dots with the slot size and PSV; e.g.: TriPPlo+ PSV pipe ND/OD 200 SN12 6 m with F3N slotting and 8 mm slots = 53200E6S12F3N8PSV

THE TYPES OF SLOTTING AVAILABLE ARE IN TABLES 8, 9, 10 AND 11; THE SLOT CHARACTERISTICS ARE SUMMED UP IN TABLE 12

monoPiPe+®

Single-wall pipes with smooth wall in high modulus polypropylene (PPHM);
The single wall provides great structural strength and resistance. Available in series SN8 KN/m2 and SN16 KN/m2.
❄ Suitable for installation at -10 °C.
Manufactured in compliance with standards
- EN 1852-1
- UNI EN 1852-1
RINA marking
Application code: U (code referring to an area located at a distance greater than one metre from the building to which the underground piping system is connected).
Bell-and-spigot joint with sealing ring, with a housing for a pre-inserted elastomeric gasket aligned to the flow direction.
There is a rigid fixing ring in PP (prevents the gasket from slipping out of its seat during the joining phases).
Standard colouring: brown RAL 8023 outside and inside.
CERTIFIED FOR USE WITH HIGH-PRESSURE CLEANING (340 bar) AND/OR CHAIN SCRAPERS.
The robustness of this pipe type, combined with the intrinsic qualities of raw materials, design accuracy and the use of modern and efficient production lines, which guarantee consistent control of manufacturing parameters, together with the effective process control required and ensured by the certified Integrated Quality, Environment and Safety System, allows Riccini to market a superior quality product capable of achieving excellent performance levels, on par with TriPPlo+, TriPPlo+ PSV pipes and all other Riccini pipes for sewerage (see KINGCOR, SEDICI PLUS, SUPERFLUID and SUPERFLUID PSV at www.riccini.it) which, together with the previously mentioned SINGLE CROWN technical joints, form a true "Riccini System" for sewerage.

LEGEND

1	Piping not manufactured in Riccini plants,
ID	Inner diameter
L	Effective length of bars
ND/OD	Nominal diameter for pipes standardised on the outer diameter
T	Thickness

PRODUCT CODE
Images, drawings and figures are for illustrative purposes only.

riciclabile recyclable · 100% ecofriendly · ❄ · 340 bar

UNI EN 1852 - 1

IN HIGH MODULUS POLYPROPYLENE (PPHM)

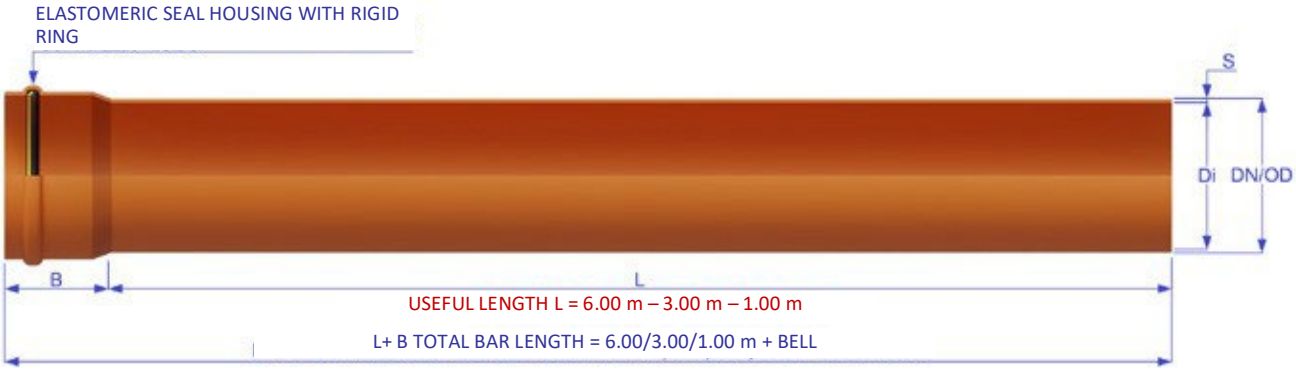


Fig. 3

GASKET DEFORMATION DUE TO OVERPRESSURE WILL INCREASE SEALING

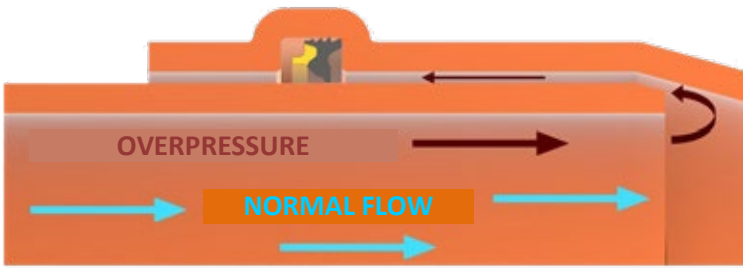


Fig.

TriPPlo+ and TriPPlo+ PSV pipes
are compatible with
the Riccini Single Crown technical joint
(visit www.riccini.it)

monoPiPe+®

PPHM monoPiPe+

SINGLE-LAYER SMOOTH-WALL PIPES

For buried drain ducts - compliant with EN 1852-1, UNI EN 1852-1 - Application area: U - Bell-and-spigot joint with sealing ring, with a housing for a pre-inserted elastomeric gasket aligned to the flow direction, with a rigid PP ring to prevent pull-out during installation. Colour: brown RAL 8023 outside/inside

❄ **SUITABLE FOR INSTALLATION AT -10 °C**

CERTIFIED FOR USE WITH HIGH-PRESSURE CLEANING (340 bar) AND/OR CHAIN SCRAPERS

Series SN8 KN/m²

tab.4

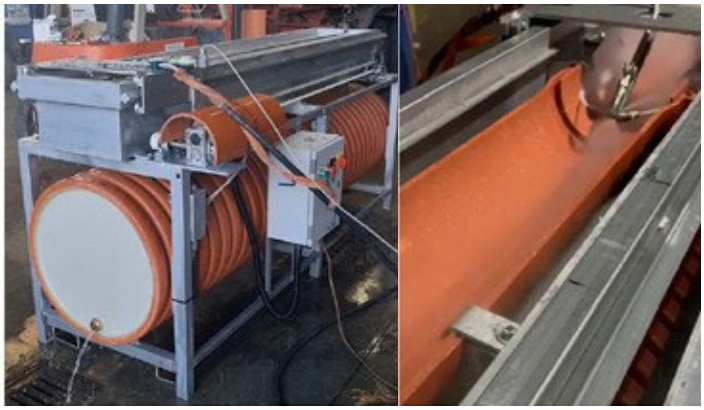
ND/OD (mm)			110	125	160	200	250	315	400	500	630	800
Maximum ID (mm)			102.4	116.4	149.0	186.2	232.8	293.4	372.6	465.8	-	-
Minimum T (mm)			3.8	4.3	5.5	6.9	8.6	10.8	13.7	17.1	-	-
PIPE	L = 6 m	€/m code	10.83 531108M6	13.93 531258M6	22.80 531608M6.	33.57 532008M6	52.31 532508M6.	82.78 533158M6.	133.35 534008M6	208.06 535008M6	-	-
	L = 3 m	€/m code	11.18 531108M3	14.38 531258M3	23.54 531608M3	34.65 532008M3	54.00 532508M3	85.45 533158M3	137.65 534008M3	214.77 535008M3	-	-
	L = 1 m	€/m code	-	-	26.48 ■ 531608M1	38.99 ■ 532008M1	60.75 ■ 532508M1	-	-	-	-	-
SLOTTED PIPE ONLY BARS L= 6 m	SLOTTING F2S / F3N	€/m code ○	16.83 531108M6F2S... 531108M6F3N...	19.93 531258M6F2S... 531258M6F3N...	28.80 531608M6F2S... 531608M6F3N...	40.57 532008M6F2S... 532008M6F3N...	59.31 532508M6F2S... 532508M6F3N...	89.78 533158M6F2S... 533158M6F3N...	140.65 534008M6F2S... 534008M6F3N...	215.36 535008M6F2S... 535008M6F3N...	-	-
	SLOTTING F4S / F6N	€/m code ○	-	-	30.50 531608M6F4S...	42.07 532008M6F4S... 532008M6F6N...	60.81 532508M6F4S... 532508M6F6N...	91.28 533158M6F4S... 533158M6F6N...	142.85 534008M6F4S... 534008M6F6N...	217.56 535008M6F4S... 535008M6F6N...	-	-

Series SN16 KN/m²

tab.5

ND/OD (mm)			110	125	160	200	250	315	400	500	630[1] ▶	800[1] ▶
Maximum ID (mm)			-	-	145.4	181.8	227.2	286.2	363.6	454.4	576.2	731.6
Minimum T (mm)			-	-	7.3	9.1	11.4	14.4	18.2	22.8	26.9	34.2
PIPE	L = 6 m	€/m code	-	-	27.36 5316016M6.	39.79 5320016M6.	62.31 5325016M6.	99.15 5331516M6.	159.17 5340016M6	249.22 5350016M6	662.87 5363016M6	1,258.95 5380016M6
	L = 3 m	€/m code	-	-	28.24 5316016M3	41.08 5320016M3	64.32 5325016M3	102.35 5331516M3	164.30 5340016M3	257.26 5350016M3	-	-
	L = 1 m	€/m code	-	-	31.77 ■ 5316016M1.	46.21 ■ 5320016M1	72.35 ■ 5325016M1	-	-	-	-	-
SLOTTED PIPE ONLY BARS L= 6 m	SLOTTING F2S / F3N	€/m code ○	-	-	33.36 5316016M6F2S... 5316016M6F3N...	46.79 5320016M6F2S... 5320016M6F3N...	69.31 5325016M6F2S... 5325016M6F3N...	106.15 5331516M6F2S... 5331516M6F3N...	166.47 5340016M6F2S... 5340016M6F3N...	256.52 5350016M6F2S... 5350016M6F3N...	-	-
	SLOTTING F4S / F6N	€/m code ○	-	-	35.06 5316016M6F4S...	48.29 5320016M6F4S... 5320016M6F6N...	70.81 5325016M6F4S... 5325016M6F6N...	107.65 5331516M6F4S... 5331516M6F6N...	168.67 5340016M6F4S... 5340016M6F6N...	258.72 5350016M6F4S... 5350016M6F6N...	-	-
STANDARD PACKING	L = 6 m	bars/ pallet	50	36	21	15	12	6	9	4	2	bulk
		m/ pallet	*300*	*216*	*126*	*90*	*72*	*36*	*54*	*24*	*12*	
	L = 3 m	bars/ pallet	50	36	21	15	12	6	9	4	-	-
		m/ pallet	*150*	*108*	*63*	*45*	*36*	*18*	*27*	*12*	-	-
	L = 1 m	bars/ pallet	-	-	21	15	12	-	-	-	-	-
		m/ pallet	-	-	*21*	*15*	*12*	-	-	-	-	-

▶ ND/OD 630 mm and ND/OD 800 mm pipes: sleeve joint
■ On request and for certain minimum quantities
○ Code for slotted pipes: replace the three dots with the slotting type (and slot size);
e.g.: MonoPiPe+ pipe ND/OD 315 SN8 6 m with F4S slotting and 4 mm slots = 533158M6F4S4



To the left:
Two MonoPiPe+ pipe images during a high-pressure cleaning test (340 bar).
TriPPlo+ and MonoPiPe+ are both certified as suitable for use requiring high-pressure cleaning (340 bar) and/or chain scrapers.

Fig. 5

PPHM FITTINGS FOR PIPES
tripplo+®, tripplo+® PSV and monopipe+®

MOULDED FITTINGS SERIES S 13.3 IN PPHM
COMPLIANT WITH UNI EN 1852-1

WITH ELASTOMERIC GASKET INSERTED IN THE BELL - FOR TRIPPLO+, TRIPPLO+ PSV AND MONOPIPE+ PIPES

tab.6

ND/OD (mm)			elbow or reduced dia	110	125	160	200	250	315	400	500	630	800
	Open bend	€/pc. code	15°	-	15.10 53C15125	16.90 53C15160	38.60 53C15200	70.90 53C15250	110.10 53C15315	381.00 53C15400	558.40 53C15500	759.10 53C15630	2,065.80 53C15800
			30°	-	15.90 53C30125	17.80 53C30160	41.00 53C30200	77.30 53C30250	115.80 53C30315	391.60 53C30400	574.70 53C30500	780.50 53C30630	2,121.50 53C30800
			45°	8.30 53CA110	18.80 53CA125	21.00 53CA160	35.70 53CA200	78.30 53CA250	123.60 53CA315	441.60 53CA400	647.60 53CA500	880.40 53CA630	2,393.10 53CA800
	Closed bend	€/pc. code	87°30'	9.30 53CC110	22.20 53CC125	24.90 53CC160	49.50 53CC200	92.10 53CC250	149.10 53CC315	704.00 53CC400	1,033.00 53CC500	1,403.10 53CC630	3,813.60 53CC800
	Single wye	€/pc. code	45°	-	20.30 53BS125	31.20 53BS160	69.10 53BS200	-	-	-	-	-	-
	Single "T"	€/pc. code	87°30'	-	-	28.60 53TS160	65.80 53TS200	264.10 53TS250	542.60 53TS315	-	-	-	-
	45° Reducing wye	€/pc. code	reduced dia. 110 mm	-	18.40 53BR125110	21.50 53BR160110	52.20 53BR200110	-	-	-	-	-	-
			reduced dia. 125 mm	-	-	23.70 53BR160125	57.40 53BR200125	-	-	-	-	-	-
			reduced dia. 160 mm	-	-	-	62.90 53BR200160	117.50 53BR250160	178.30 53BR315160	-	-	-	-
			reduced dia. 200 mm	-	-	-	-	133.70 53BR250200	316.40 53BR315200	-	-	-	-
			reduced dia. 250 mm	-	-	-	-	-	-	-	-	-	-
			reduced dia. 315 mm	-	-	-	-	-	-	-	-	-	-
			reduced dia. 400 mm	-	-	-	-	-	-	-	-	-	-
	87°30' Reducing "T"	€/pc. code	reduced dia. 110 mm	-	-	22.80 53TR160110	-	-	-	-	-	-	-
			reduced dia. 125 mm	-	-	25.00 53TR160125	-	-	-	-	-	-	-
			reduced dia. 160 mm	-	-	-	-	170.50 53TR250160	405.10 53TR315160	-	-	-	-
			reduced dia. 200 mm	-	-	-	-	253.20 53TR250200	453.60 53TR315200	-	-	-	-
			reduced dia. 250 mm	-	-	-	-	-	506.40 53TR315250	-	-	-	-
			reduced dia. 315 mm	-	-	-	-	-	-	-	-	-	-
	Eccentric reducer	€/pc. code*		-	smaller dia.: 110 mm 10.10 53AU110125	smaller dia.: 110mmo125 mm 12.40 53AU110160 53AU125160	smaller dia.: 160 mm 28.50 53AU160200	smaller dia.: 200 mm 115.30 53AU200250	smaller dia.: 250 mm 229.40 53AU250315	smaller dia.: 315 mm 520.90 53AU315400	-	-	-
	SLIP coupling	€/pc. code		6.30 53MAS110	12.10 53MAS125	13.50 53MAS160	25.10 53MAS200	87.00 53MAS250	139.20 53MAS315	246.70 53MAS400	608.70 53MAS500	868.20 53MAS630	2,568.30 53MAS800
	STOP coupling	€/pc. code		6.80 53MA110	14.30 53MA125	16.00 53MA160	28.10 53MA200	117.30 53MA250	166.10 53MA315	265.80 53MA400	643.20 53MA500	876.80 53MA630	2,630.50 53MA800

* To order the eccentric reducer **110/160**, indicate the code 53AU110160; to order the eccentric reducer **125/160** indicate the code 53AU125160

PPHM FITTINGS FOR PIPES
tripplo+®, tripplo+® PSV and monopipe+®

IN-HOUSE MADE FITTINGS IN PPHM
WITH ELASTOMERIC GASKET INSERTED IN THE BELL

FOR TRIPPLO+, TRIPPLO+ PSV AND MONOPIPE+ PIPES

WHEN FILLING OUT AN ORDER, INDICATE THE SN SERIES FOR WHICH THE MATERIALS ARE REQUESTED

tab.7

ND/OD (mm)			elbow or reduced dia.	110	125	160	200	250	315	400	500
	Open bend	€/pc. code	30°	-	36.20 53C30125S	54.90 53C30160S	79.20 53C30200S	116.40 53C30250S	187.50 53C30315S	330.70 53C30400S	681.20 53C30500S
			45°	-	37.40 53CA125S	57.30 53CA160S	82.80 53CA200S	122.00 53CA250S	196.40 53CA315S	359.40 53CA400S	737.30 53CA500S
	Closed bend	€/pc. code	60°	-	38.60 53C60125S	59.70 53C60160S	86.40 53C60200S	127.60 53C60250S	223.10 53C60315S	388.10 53C60400S	793.30 53C60500S
			87°30'	-	60.00 53CC125S	82.30 53CC160S	110.20 53CC200S	163.50 53CC250S	272.30 53CC315S	467.30 53CC400S	909.90 53CC500S
	Single wye	€/pc. code	45°	-	95.00 53BS125S	127.00 53BS160S	165.60 53BS200S	255.20 53BS250S	408.10 53BS315S	725.70 53BS400S	1,526.00 53BS500S
	Single "T"	€/pc. code		-	92.60 53TS125S	119.80 53TS160S	158.40 53TS200S	232.90 53TS250S	354.80 53TS315S	582.10 53TS400S	1,301.90 53TS500S
	45° Reducing wye	€/pc. code		-	-	reduced dia.: 125 mm	reduced dia.: 125, 160 mm	reduced dia.: 125, 160, 200 mm	reduced dia.: 160, 200, 250 mm	reduced dia.: 200, 250, 315 mm	reduced dia.: 250, 315, 400 mm
						124.60 53BR160125S	162.00 53BR200...S ●	244.00 53BR250...S ●	372.60 53BR315...S ●	668.30 53BR400...S ●	1,413.90 53BR500...S ●
	87°30' Reducing "T"	€/pc. code		-	-	reduced dia.: 125 mm	reduced dia.: 125, 160 mm	reduced dia.: 125, 160, 200 mm	reduced dia.: 160, 200, 250 mm	reduced dia.: 200, 250, 315 mm	reduced dia.: 250, 315, 400 mm
						117.40 53TR160125S	154.80 53TR200...S ●	221.70 53TR250...S ●	337.00 53TR315...S ●	553.40 53TR400...S ●	1,189.90 53TR500...S ●
	Eccentric reducer	€/pc. code		-	-	smaller dia.: 125 mm	smaller dia.: 125, 160 mm	smaller dia.: 125, 160, 200 mm	smaller dia.: 160, 200, 250 mm	smaller dia.: 200, 250, 315 mm	smaller dia.: 250, 315, 400 mm
						39.90 53AU125160S	61.90 53AU...200S ■	116.40 53AU...250S ■	245.70 53AU...315S ■	399.80 53AU...400S ■	797.80 53AU...500S ■

● For the complete code replace the dots with the reduced diameter, (e.g.: 87°30' reducing "T" diameter ND/OD 400/315 = 53TR400315S)
■ For the complete code replace the dots with the reduced diameter, (e.g.: diameter eccentric reducer ND/OD 160/250 = 53AU160250S)
ALL PIPES MANUFACTURED IN-HOUSE AND LISTED IN THE ABOVE TAB. 7 CAN BE EITHER TRIPPLO+ OR MONOPIPE

To the left
some fittings made in-house:
87°30' single "T"
45° open bend
87°30' closed bend;
and 45° single wye;

Fig. 6

AVAILABLE SLOTTING
FOR TRIPPLO+, TRIPPLO+ PSV AND MONOPIPE+ PIPES

Slotting type		Pipe type																
		Series SN8 KN/m²						Series SN12 KN/m²				Series SN16 KN/m²						
F2S		TriPPlo+		TriPPlo+ PSV		MonoPiPe+		TriPPlo+		TriPPlo+ PSV		TriPPlo+		TriPPlo+ PSV		MonoPiPe+		tab.8
		ND/OD (mm) 110÷400	ND/OD (mm) 500	ND/OD (mm) 110÷400	ND/OD (mm) 500	ND/OD (mm) 110÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500÷800	
slot size	4 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	8 mm	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	

Riccini S.r.l. declines any liability for damages, inconvenience and/or construction site downtime deriving from or in any case connected to pipes that were not slotted at its own facilities and/or later on altered outside its own facilities.

Slotting type		Pipe type																
		Series SN8 KN/m²						Series SN12 KN/m²				Series SN16 KN/m²						
F3S		TriPPlo+		TriPPlo+ PSV		MonoPiPe+		TriPPlo+		TriPPlo+ PSV		TriPPlo+		TriPPlo+ PSV		MonoPiPe+		tab.9
		ND/OD (mm) 110÷400	ND/OD (mm) 500	ND/OD (mm) 110÷400	ND/OD (mm) 500	ND/OD (mm) 110÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500÷800	
slot size	4 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	8 mm	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	

Riccini S.r.l. declines any liability for damages, inconvenience and/or construction site downtime deriving from or in any case connected to pipes that were not slotted at its own facilities and/or later on altered outside its own facilities.

Slotting type		Pipe type																
		Series SN8 KN/m²						Series SN12 KN/m²				Series SN16 KN/m²						
F4S		TriPPlo+		TriPPlo+ PSV		MonoPiPe+		TriPPlo+		TriPPlo+ PSV		TriPPlo+		TriPPlo+ PSV		MonoPiPe+		tab.10
		ND/OD (mm) 110÷400	ND/OD (mm) 500	ND/OD (mm) 110÷400	ND/OD (mm) 500	ND/OD (mm) 110÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500÷800	
slot size	4 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	8 mm	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	

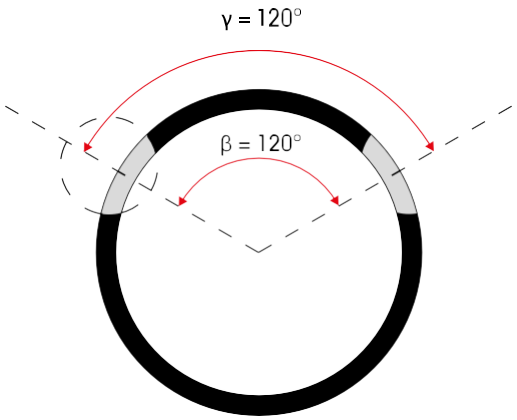
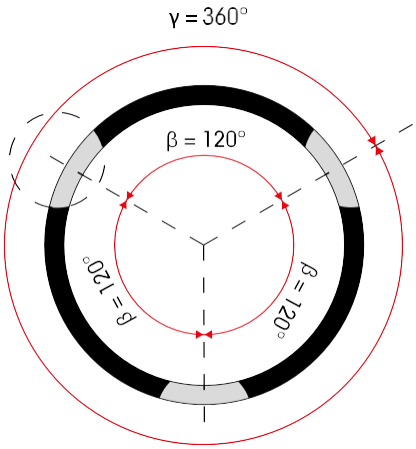
Riccini S.r.l. declines any liability for damages, inconvenience and/or construction site downtime deriving from or in any case connected to pipes that were not slotted at its own facilities and/or later on altered outside its own facilities.

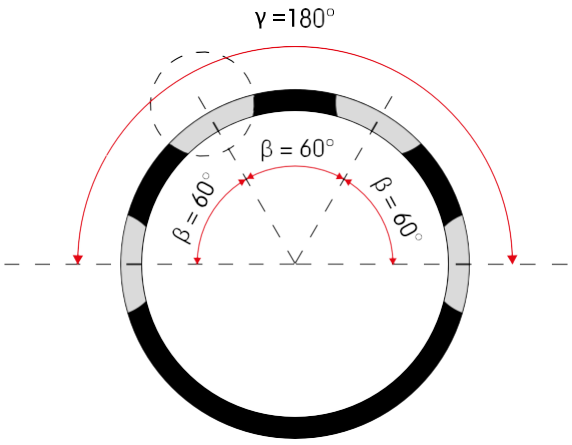
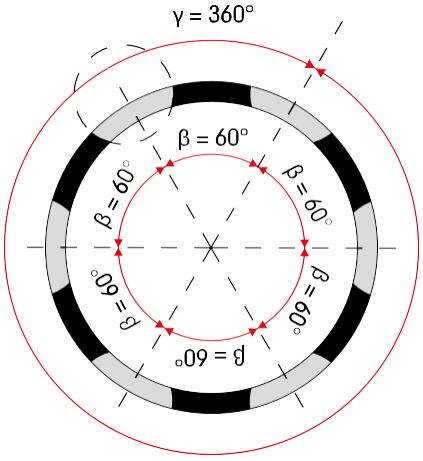
Slotting type		Pipe type																
		Series SN8 KN/m²						Series SN12 KN/m²				Series SN16 KN/m²						
F6S		TriPPlo+		TriPPlo+ PSV		MonoPiPe+		TriPPlo+		TriPPlo+ PSV		TriPPlo+		TriPPlo+ PSV		MonoPiPe+		tab.11
		ND/OD (mm) 110÷400	ND/OD (mm) 500	ND/OD (mm) 110÷400	ND/OD (mm) 500	ND/OD (mm) 110÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500	ND/OD (mm) 160÷400	ND/OD (mm) 500÷800	
slot size	4 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	8 mm	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	

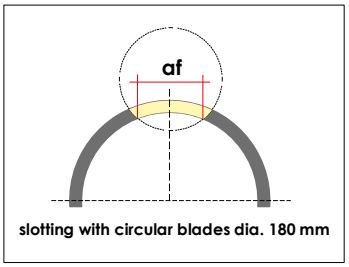
Riccini S.r.l. declines any liability for damages, inconvenience and/or construction site downtime deriving from or in any case connected to pipes that were not slotted at its own facilities and/or later on altered outside its own facilities.

SLOTTING CHARACTERISTICS

tab.12

F2S	F3N
Slot rows: 2	Slot rows: 3
ß angle between slot rows: 120°	ß angle between slot rows: 120°
γ total slotted angle: 120°	γ total slotted angle: 360°
	

F4S	F6N
Slot rows: 4	Slot rows: 6
ß angle between slot rows: 60°	ß angle between slot rows: 60°
γ total slotted angle: 180°	γ total slotted angle: 360°
	



slotting with circular blades dia. 180 mm

Fig. 7

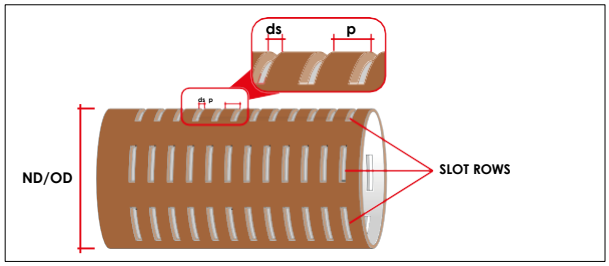


Fig. 8

LEGEND

p	slotting pitch (distance between slots along the longitudinal axis of the pipe)
af	slot width (length of the slot measured on the inner wall of the pipe)
ds	slot size (slot width)
ND/OD	nominal outer diameter of the pipe
ß	angle between slot rows
γ	total slotted angle
slot	slot

SPECIFICATIONS FOR TRIPPLO+ PIPES

Supply and laying of structured triple-layer full-wall pipe, in High Modulus Polypropylene (PPHM), free of halogens and heavy metals, for non-pressurised buried drain pipes, manufactured by an ISO 9001, ISO 14001 and ISO 45001 certified company, with a Nominal Outer Diameter DN/OD …. (110÷500) mm
The pipe must comply with EN 13476-2, UNI EN 13476-2 and S.T. IIP MOD: 1.1/1 and it must be provided with a special system (bell-and-spigot joint with sealing ring), integrated in each bar, made by thermoforming the pipe and provided with a housing or a preformed seat for the single lip-seal gasket, pre-inserted during manufacturing and aligned with flow direction; the gasket (made of EPDM according to UNI EN 681/1 WC) must be provided with a rigid PP fixing ring to prevent detachment during installation.
Stiffness class SN…… (SN8, SN12 or SN16) kN/m$_2$ measured according to UNI EN ISO 9969, with product conformity marking issued by a Sincert recognised and accredited Institute or Body, in bars with an effective length of…. (1, 3 or 6) metres.
The compact pipe wall, smooth on the inside and on the outside, must be made by co-extrusion of the three layers described below:
- INNER layer with smooth surface, with high resistance to abrasion and chemical agents, made of light-colour PP to facilitate remote vision inspections by improving optical qualities and eliminating light reflection;
- INTERMEDIATE CARRIER layer of dark colour, reinforced with mineral fillers; this layer gives the pipe high impact resistance and superior ring stiffness;
- OUTER layer with smooth surface, in brick red PP, stabilised against UV rays and with high resistance to scoring, chemically aggressive soils, corrosion and stray currents;
Furthermore, the pipe must bear the marking required by the Reference Standard and the IIP UNI and/or PIIP Quality Marking (product certification) and it must be provided, upon customer request, with the relevant test certificate or declaration of conformity to the following tests/standards:

- **ring stiffness test (SN) according to UNI EN ISO 9969;**
- **hydrostatic tightness tests of the joint system at 0.5 bar pressure and 0.3 bar vacuum for 15 min. according to EN 13476-2, conducted according to UNI EN ISO 13259;**
- **compliance of the integrated quality, environmental management and corporate safety system with ISO 9001, ISO 14001 and ISO 45001.**

SPECIFICATIONS FOR MONOPIPE+ PIPES

Supply and laying of single-layer solid-wall pipe, in High Modulus Polypropylene (PPHM), free of halogens and heavy metals, for non-pressurised buried drain pipes, manufactured by an ISO 9001, ISO 14001 and ISO 45001 certified company, of Nominal Outer Diameter DN/OD … (110÷800) mm.
The pipe must comply with UNI EN 1852-1 and it must be provided with a special system (bell-and-spigot joint with sealing ring), integrated in each bar, made by thermoforming the pipe and provided with a housing or a preformed seat for the single lip-seal gasket, pre-inserted during manufacturing and aligned with flow direction; the gasket (made of EPDM according to UNI EN 681/1 WC) must be provided with a rigid PP fixing ring to prevent detachment during installation.
Stiffness class SN…… (SN8 or SN16) kN/m$_2$ measured according to UNI EN ISO 9969, with product conformity marking issued by a Sincert recognised and accredited Institute or Entity, in bars with an effective length of…. (1, 3 or 6) m.
The compact pipe wall, smooth on the inside and on the outside, must be made by extrusion.
Furthermore, the pipe must bear the marking required by the reference Standard and the RINA Quality Marking (product certification) and it must be provided, upon customer request, with the relevant test certificate or declaration of conformity to the following tests/standards:

- **ring stiffness test (SN) according to UNI EN ISO 9969;**
- **hydrostatic tightness tests of the joint system at 0.5 bar pressure and 0.3 bar vacuum for 15 min. according to EN 1852-1, conducted according to UNI EN ISO 13259;**
- **compliance of the integrated quality, environmental management and corporate safety system with ISO 9001, ISO 14001 and ISO 45001.**

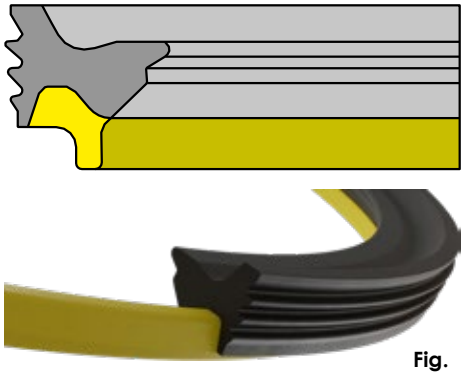


Fig.

The elastomeric gaskets (pre-installed during production) on the TriPPlo+, TriPPlo+ PSV and MonoPiPe+ Riccini pipes are manufactured in EPDM of high quality with properties complying with the requirements of EN 681-1; provided with a rigid fixing ring in polypropylene PP, (in yellow in Fig. 9); they are mounted aligned to flow direction, ensuring a sealing that is even improved by overpressure forces that may arise. In this way, the required sealing according to UNI EN ISO 13259 with vacuum pressure is by far exceeded. The good elasticity of the gasket further guarantees a permanent sealing effect.
Installation is facilitated by the very low coupling forces, which make this operation faster, easier and safer.

SPECIFICATIONS FOR TRIPPLO+ PSV PIPES

Supply and laying of structured triple-layer compact-wall pipe, in High Modulus Polypropylene (PPHM), free of halogens and heavy metals, for non-pressurised buried drain pipes, manufactured by an ISO 9001, ISO 14001 and ISO 45001 certified company, of Nominal Outer Diameter ND/OD .... (110÷500) mm
The pipe must comply with EN 13476-2, UNI EN 13476-2 and S.T. IIP MOD: 1.1/1 and it must be provided with a special system (bell-and-spigot joint with sealing ring), integrated in each bar, made by thermoforming the pipe and provided with a housing or a preformed seat for the single lip-seal gasket, pre-inserted during manufacturing and aligned with flow direction; the gasket (made of EPDM according to UNI EN 681/1 WC) must be provided with a rigid PP fixing ring to prevent detachment during installation.
Stiffness class SN..... (SN8, SN12 or SN16) kN/m$_2$ measured according to UNI EN ISO 9969, with product conformity marking issued by a Sincert recognised and accredited Institute or Body, in bars with an effective length of....
(1, 3 or 6) metres.
The compact pipe wall, smooth on the inside and on the outside, must be made by co-extrusion of the three layers described below:
- INNER layer with smooth surface, with high resistance to abrasion and chemical agents, made of light-colour PP to facilitate remote vision inspections by improving optical qualities and eliminating light reflection;
- Dark-coloured INTERMEDIATE LOAD-BEARING layer, made of PSV second-life plastic with a minimum content of 40% of pre-consumer recycled ECO MIX second-life plastic from pipes and fittings; this layer gives the pipe high impact resistance and superior ring stiffness;
- OUTER layer with smooth surface, in brick red PP, stabilised against UV rays and with high resistance to scoring, chemically aggressive soils, corrosion and stray currents;
Furthermore, the pipe must bear the marking required by the Reference Standard and the IIP UNI and/or PIIP Quality Marking (product certification) and it must be provided, upon customer request, with the relevant test certificate or declaration of conformity to the following tests/standards:

- **ring stiffness test (SN) according to UNI EN ISO 9969;**
  hydrostatic tightness tests of the joint system at 0.5 bar pressure and at 0.3 bar vacuum for 15 min. according to EN 13476-2, conducted according to UNI EN ISO 13259;
- **compliance of the integrated quality, environmental management and corporate safety system with ISO 9001, ISO 14001 and ISO 45001.**
- **compliance of the manufacturing process with the provisions for obtaining the IPPR PSV Second Life Plastic marking.**
- **the raw material supply chain must be guaranteed by the PSV (second-life plastic) marking, which guarantees traceability of recycled materials according to UNI EN ISO 14021.**

ECO MIX Second Life Plastic granules used in the TriPPlo+ PSV intermediate layer

Fig. 10

To the left, the Joint-Fix anti-slip collar, to be used on all the pipes in this price list, but also on Riccini pipes in the Kingcor, Sedici Plus, Superfluid and Superfluid PSV product lines.

The image to the right shows a TriPPlo+ PSV pipe during laying.

Please find below a detail of the slotting that can be applied to the entire range of pipes in the Riccini product lines.

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

requests for quotes: commerciale@riccini.it
technical requests: tecnico@riccini.it
order placing: clienti@riccini.it
material availability/packing slips: ddt@riccini.it
material availability/deliveries: spedizioni@riccini.it

ASSOCIATO

ASSOCIATO

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