

IRRIGATION

# RioFlex

POLYETHYLENE LAYFLAT HOSE







SAB
cherish your water
SYSTEM GROUP

06.2025

# RioFlex

POLYETHYLENE LAYFLAT HOSE

## Tubo distributore dedicato agli impianti di irrigazione a goccia

Main line designed for drip irrigation systems
Tuyau distributeur dédié aux systèmes d'irrigation à goutte
Tubo distribuidor específico para las instalaciones de riego por goteo

## VANTAGGI
**Forte**
**Flessibile**
**Pratico**

## ADVANTAGES
Strong
Flexible
Smart

## AVANTAGES
Fort
Flexible
Efficace

## VENTAJAS
Robusto
Flexible
Eficaz




[PE] **Protezione anti UV:** tenace e duttile, con anti UV, per una lunga vita utile

**UV-ray protection:** tough and malleable, with anti-UV protection, for a longer lifespan.

**Protection anti-UV:** resistant et souple, doté d'un traitement anti UV, afin d'obtenir une durée de vie plus longue.

**Protección anti-UV:** fuerte y dúctil, con protección anti-UV para una larga vida útil.

[PBT] **Inserto f/f ½" preinstallato:** personalizzato secondo le necessità del cliente, rende semplice e veloce la posa in campo.

**Pre-installed female threaded ½" outlet:** customized according to your needs, it makes installation quicker and easier.

**Sortie taraudé ½" préinstallée:** personnalisable en fonction de vos besoins, il permet une installation rapide et facile sur le terrain.

**Injerto roscado ½" hembra pre-instalado:** personalizada según las necesidades del cliente, facilita y acelera la instalación en el campo.

[PE] **Trama di rinforzo:** garantisce la resistenza alla pressione, mantenendo il tubo flessibile e leggero

**Reinforcing web:** guarantees pressure resistance, preserving the pipe light and flexible.

**Trame de renforcement:** assure la résistance à la pression et conserve le tuyau flexible et léger.

**Malla de refuerzo:** garantiza la resistencia a la presión, pero manteniendo el tubo flexible y ligero.

[PE] **Barriera alla luce:** evita la penetrazione della luce solare, per impedire la formazione di alghe e batteri all'interno del tubo.

**Light barrier:** prevent the penetration of the sunlight, in order to avoid bacteria and algae formation.

**Barrière Lumière:** évite la pénétration de la lumière naturelle, empêchant la formation des algues et des bactéries à l'intérieur du tuyau.

**Barrera a la luz:** evita la penetración de luz solar para impedir la proliferación de algas y bacterias en el interior del tubo.



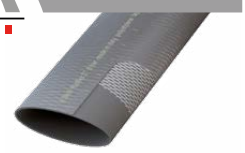


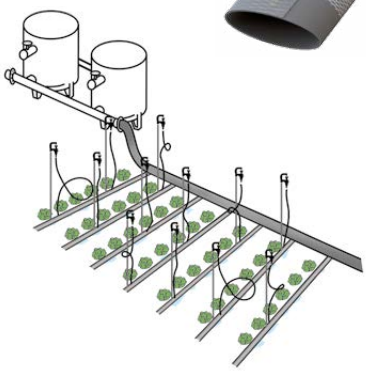



**Scarica la scheda tecnica**
Download technical sheet
Télécharger la fiche technique
Descarga la ficha técnica

## RioFlex HIGH PRESSURE

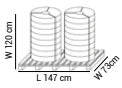
POLYETHYLENE LAYFLAT HOSE



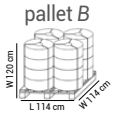





pallet *A* — 100m coil




pallet *B* — 50m coil






| code | Ø mm | D" | mm | kg/m | bar | bar | coil m | coils x pallet |
|---|---|---|---|---|---|---|---|---|
| 4004G | 53 | 2" | 1,4 | 0,154 | 4,6 | 3,9 | 100 | 20 *A* |
| 4004L | 78 | 3" | 1,5 | 0,272 | 4,0 | 3,4 | 100 | 16 *A* |
| 4004M | 104 | 4" | 1,8 | 0,360 | 3,6 | 3,0 | 100 | 12 *A* |
| 4004N | 130 | 5" | 1,8 | 0,430 | 3,5 | 3,0 | 100 | 10 *A* |
| 4004P | 156 | 6" | 2,0 | 0,620 | 2,5 | 2,0 | 50 | 16 *B* |

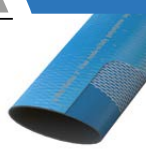
**Inserto filettato ½" femmina preinstallato: distanze disponibili**
Pre-installed female threaded ½" outlet: available spacings
Sortie taraudé ½" préinstallée: espacements disponibles
Injerto roscado ½" hembra pre-instalado: separaciones disponibles

| cm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 75 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 180 | 200 |

***altre distanze su richiesta** / other spacings available on request / autres espacements disponibles sur demande/ separaciones personalizadas disponibles

## RioFlex PRESSURE

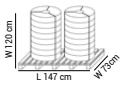
POLYETHYLENE LAYFLAT HOSE



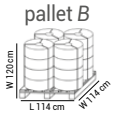





pallet *A* — 100m coil




pallet *B* — 50m coil






| code | Ø mm | D" | mm | kg/m | bar | bar | coil m | coils x pallet |
|---|---|---|---|---|---|---|---|---|
| 4003G | 53 | 2" | 1,3 | 0,152 | 3,0 | 2,6 | 100 | 20 *A* |
| 4003L | 78 | 3" | 1,3 | 0,265 | 3,0 | 2,6 | 100 | 16 *A* |
| 4003M | 104 | 4" | 1,4 | 0,303 | 3,0 | 2,5 | 100 | 12 *A* |
| 4003N | 130 | 5" | 1,6 | 0,393 | 2,5 | 2,1 | 100 | 10 *A* |
| 4003P | 156 | 6" | 1,8 | 0,609 | 1,6 | 1,4 | 50 | 16 *B* |

**Inserto filettato ½" femmina preinstallato: distanze disponibili**
Pre-installed female threaded ½" outlet: available spacings
Sortie taraudé ½" préinstallée: espacements disponibles
Injerto roscado ½" hembra pre-instalado: separaciones disponibles

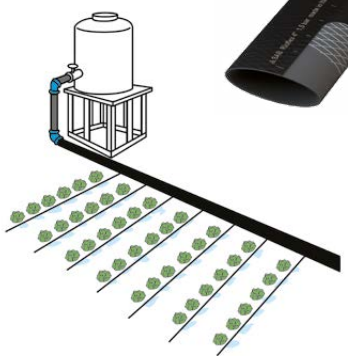
| cm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 75 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 180 | 200 |

***altre distanze su richiesta** / other spacings available on request / autres espacements disponibles sur demande/ separaciones personalizadas disponibles

## RioFlex LOW PRESSURE

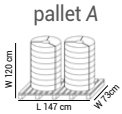
POLYETHYLENE LAYFLAT HOSE



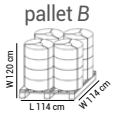





pallet *A* — 100m coil




pallet *B* — 50m coil






| code | Ø mm | D" | mm | kg/m | bar | bar | coil m | coils x pallet |
|---|---|---|---|---|---|---|---|---|
| 4002G | 53 | 2" | 1,2 | 0,150 | 2,5 | 2,2 | 100 | 20 *A* |
| 4002L | 78 | 3" | 1,2 | 0,250 | 2,2 | 2,0 | 100 | 16 *A* |
| 4002M | 104 | 4" | 1,3 | 0,296 | 2,0 | 1,7 | 100 | 12 *A* |

**Inserto filettato ½" femmina preinstallato: distanze disponibili**
Pre-installed female threaded ½" outlet: available spacings
Sortie taraudé ½" préinstallée: espacements disponibles
Injerto roscado ½" hembra pre-instalado: separaciones disponibles

| cm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 75 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 180 | 200 |

***altre distanze su richiesta** / other spacings available on request / autres espacements disponibles sur demande/ separaciones personalizadas disponibles

## Gomito tape - f/m

90° elbow tape - male threaded
Coude à 90° gaine - fileté
Codo a 90° cinta - rosca macho



| CODE: **02034** | Ø x D" | PACK |
|---|---|---|
| 02034001600B | 16 x 1/2" | 750 B - 50 P |
| 02034002200B | 22 x 1/2" | 600 B - 50 P |
| 729400B O-ring | 1/2 | 50 P |



## T a 90° - f/m

90° tee tape - male threaded
Té à 90° gaine - fileté
T a 90° cinta - rosca macho



| CODE: **02032** | Ø x D" | PACK |
|---|---|---|
| 02032001600B | 16 x 1/2" | 400 B - 50 P |
| 02032002200B | 22 x 1/2" | 350 B - 50 P |
| 729400B O-ring | 1/2 | 50 P |

## Gomito tape - f/m ghiera libera

Swivel nut 90° elbow tape - male threaded écrou libre
Coude à 90° gaine - fileté
Codo a 90° cinta - rosca macho tuerca libre




| CODE: **2057** | Ø x D" | PACK |
|---|---|---|
| 205701600B | 16 x 1/2" | 700 B - 50 P |
| 205702200B | 22 x 1/2" | 450 B - 50 P |

## T a 90° - f/m ghiera libera

Swivel nut 90° tee tape - male threaded
Té à 90° gaine - fileté écrou libre
Te a 90° cinta - rosca macho tuerca libre




| CODE: **2056** | Ø x D" | PACK |
|---|---|---|
| 205601600B | 16 x 1/2" | 400 B - 50 P |
| 205602200B | 22 x 1/2" | 200 B - 50 P |

## Inserto f/f per RioFlex

Female threaded insert for RioFlex
Insert taraudé pour RioFlex
Injerto rosca hembra para RioFlex



| CODE: **02046** | D" | ⌖ | PACK |
|---|---|---|---|
| 0204601600BR | 1/2" | 14 | 400 C - 100 P |
| 0204601600CR | 3/4" | 14 | 300 C - 100 P |

## Raccordo tape - f/m

Male threaded - tape adaptor
Raccord gaine - fileté male
Enlace cinta - rosca macho



| CODE: **02041** | Ø x D" | PACK |
|---|---|---|
| 0204101600BM | 16 x 1/2" | 800 B - 100 P |
| 204101700C | 16 x 3/4" | 500 B - 100 P |
| 204102200B | 22 x 1/2" | 500 B - 100 P |
| 204102200C | 22 x 3/4" | 400 B - 100 P |

## Valvolina tape - f/m

Tape - male threaded valve
Vanne gaine - fileté male
Válvulita cinta - rosca macho



**4 bar**

| CODE: **02221** | Ø x D" | PACK |
|---|---|---|
| 0222101600B | 16 x 1/2" | 350 B - 50 P |
| 0222101600C | 16 x 3/4" | 300 B - 50 P |
| 0222102200B | 22 x 1/2" | 300 B - 50 P |
| 0222102200C | 22 x 3/4" | 250 B - 50 P |

## Ypsilon f/m

Male threaded Ypsilon
Raccord Y fileté male
Ypsilon rosca macho




| CODE: **02036** | | Ø x Ø | PACK |
|---|---|---|---|
| 0203601600B | C | 1/2" x 16 | 300B - 10P |
| 0203901600B | D | 1/2" x 16 | 350B - 10P |
| 0203601600C | C | 3/4" x 16 | 600B - 10P |
| 0203901600C | D | 3/4" x 16 | 350B - 10P |

## Installazione

Installation / Instalación

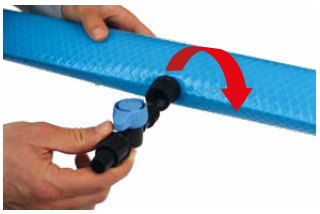



INSTALLATION

**Inserire il raccordo**
Push in the fitting
Insérer le raccord
Insertar el accesorio




**Serrare la ghiera**
Tighten the nut
Serrer l'écrou
Cerrar la tuerca



**Avvitare la valvolina o il raccordo**
Screw the valve or adaptor
Serrer la vanne ou le raccord
Atornillar la válvula o enlace



## Raccordo tape - RioFlex

Tape - RioFlex off-take adaptor
Raccord gaine - RioFlex
Enlace cinta - RioFlex



| CODE: 02055 | Ø | ⌖ | PACK |
|---|---|---|---|
| 02055016014 | 16 | 14 | 500 B - 50 P |
| 02055022014 | 22 | 14 | 500 B - 50 P |

## Valvolina tape - RioFlex

Tape - RioFlex off-take valve
Vanne gaine - RioFlex
Válvulita cinta - RioFlex



| CODE: 02255 | Ø | ⌖ | PACK |
|---|---|---|---|
| 02255016014 | 16 | 14 | 250 B - 50 P |
| 02255022014 | 22 | 14 | 200 B - 50 P |

## Inserto f/f 1/2" per sprinkler

1/2" female threaded insert for sprinkler
Insert taraudé 1/2" pour asperseur
Injerto rosca hembra 1/2" para aspersor



| CODE: 020476 | D" | ⌖ | PACK |
|---|---|---|---|
| 0204701600BR | 1/2" | 14 | 500 C - 100 P |

## Adattatore per sprinkler

Sprinkler adaptor
Adapteur pour asperseur
Adaptador para aspersor




| CODE: 020471 | Ø x Ø | PACK |
|---|---|---|
| 0204700100B | 8 x 1/2" | 1000 C - 100 P |

## Connettore plug-in per tubicino 9x12

Plug-in connector for PVC 9x12 pipe
Connecteur plug-in pour tuyau flexible en PVC 9x12
Conector plug-in para tubo PVC 9x12




| CODE: 020479 | PLUG-IN | Ø PVC pipe | PACK |
|---|---|---|---|
| 02047009012 | 8mm | 9 x 12 | 1000 C - 100 P |

## Tappo

Plug
Bouchon
Tapón



| CODE: 020470 | Ø | PACK |
|---|---|---|
| 0204700000B | 1/2" | 1000 C - 100 P |

# Installazione

Installation / Instalación






**Inserire il raccordo**
Push in the fitting
Insérer le raccord
Insertar el accesorio



**Serrare la ghiera**
Tighten the nut
Serrer l'écrou
Cerrar la tuerca



**Inserire il raccordo**
Push in the fitting
Insérer le raccord
Insertar el accesorio



**Serrare la ghiera**
Tighten the nut
Serrer l'écrou
Cerrar la tuerca



**Avvitare l'adattatore**
Screw the adaptor
Serrer l'adapteur
Atornillar el adptador



**Innestare il tubicino PVC**
Insert the PVC pipe
Insérer le petit tuyau flexible en PVC
Injertar el tubo en PVC



**Sprinkler innestato**
Installed sprinkler
Asperseur inséré
Aspersor injertado

## Inserto per sprinkler f/f per RioFlex

Female threaded sprinkler insert for RioFlex
Insert pour asperseur taraudé pour RioFlex
Injerto para aspersor rosca hembra para RioFlex

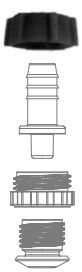


NEW

| CODE: **020850** | D" x Ø | ⌖ | PACK |
|---|---|---|---|
| 02085012B | 1/2" x 8 | 12mm | 1000 C - 100 P |

## Controghiera di sicurezza per inserto per sprinkler

Safety nut for sprinkler insert
Bague de sécurité pour l'insert pour asperseurs
Cierre de seguridad para injerto de aspersor



NEW

| CODE: **72085** | Ø | PACK |
|---|---|---|
| 72085000B | 1/2" | 1000 C - 100 P |

## Connettore plug-in per tubicino 9x12

Plug-in connector for PVC 9x12 pipe
Connecteur plug-in pour tuyau flexible en PVC 9x12
Conector plug-in para tubo PVC 9x12

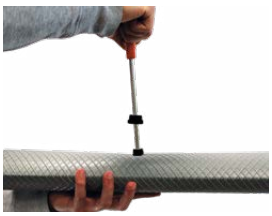


| CODE: **020479** | PLUG-IN | Ø PVC pipe | PACK |
|---|---|---|---|
| 02047009012 | 8 mm | 9 x 12 | 1000 C - 100 P |

## Installazione

Installation / Instalación

INSTALLATION



**Inserire l'inserto**
Push in the insert
Installé l'insert
Insertar el injerto

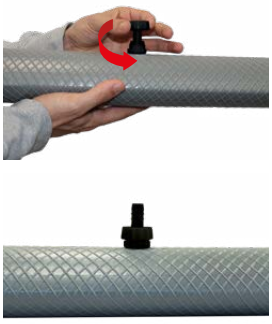


**Serrare la ghiera**
Tighten the nut
Serrer la bague
Apretar la tuerca



**Innestare il connettore plug-in**
Insert the plug-in connector
Installé le connecteur plug-in
Insertar el conector plug-in

Optional



**Avvitare la controghiera di sicurezza**
Screw the safety nut
Visser la bague de sécurité
Enroscar la contratuerca de seguridad

## Pinza foratrice per tubo RioFlex

RioFlex hose punch
Pince pour touyau RioFlex
Perforadora para tubo RioFlex




| CODE: **2001** | ⌖ | PACK |
|---|---|---|
| 2001014 | 14 | 36 |

## Chiave per inserti RioFlex

RioFlex fittings inserting tool
Clé pour dérivation RioFlex
Llave para injertar empalmes en el tubo RioFlex



| CODE: **79198** | ⬡ | ⌖ | PACK |
|---|---|---|---|
| 79198001012 | 12mm | 14mm | 10 P |

## Inserto m/f per RioFlex

Male - female insert for RioFlex
Insert mâle - femelle pour RioFlex
Injerto rosca macho - hembra para RioFlex



| CODE: 2311 | D" male | D" female | ⌖ | PACK |
|---|---|---|---|---|
| 231100D00CP | 1" | 3/4" | 29 | 100 P - 400 C |

RioFlex Ø ✗ 3" ✓ 4" ✓ 5" ✓ 6" ✓

## Fresa a tazza per RioFlex

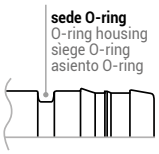
Hollow saw for RioFlex
Scie cloche pour RioFlex
Broca de corona para Rioflex



| CODE: 2960 | Ø | PACK |
|---|---|---|
| 2960000012 | 12 | 1 |
| 2960000014 | 14 | 1 |
| 2960000029 | 29 | 1 |

## Cannotto RioFlex

Barbed RioFlex connector
Manchon pour RioFlex
Empalme para RioFlex

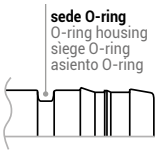





| CODE: 9741 | RioFlex LAYflat | PACK |
|---|---|---|
| 974100G000B | 53 - 2" | 80 B |
| 974100L000B | 78 - 3" | 35 B |
| 974100M000B | 104 - 4" | 15 B |
| 974100N000B | 130 - 5" | 8 B |
| 974100P000B | 156 - 6" | 6 B |

## Raccordo f/m RioFlex

RioFlex male adaptor
Raccord fileté pour RioFlex
Empalme macho para RioFlex

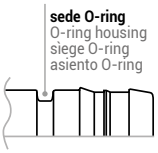





| CODE: 9751 | RioFlex LAYflat | x | D" | PACK |
|---|---|---|---|---|
| 975100G00GB | 53 - 2" | x | 2" | 85 B |
| 975100L00LB | 78 - 3" | x | 3" | 40 B |
| 975100M00MB | 104 - 4" | x | 4" | 20 B |
| 975100N00MB | 130 - 5" | x | 4" | 16 B |
| 975100P00MB | 156 - 6" | x | 4" | 8 B |

## Tappo RioFlex

RioFlex plug
Bouchon pour RioFlex
Tapón para RioFlex






| CODE: 9761 | RioFlex LAYflat | PACK |
|---|---|---|
| 976100G000B | 53 - 2" | 120 B |
| 976100L000B | 78 - 3" | 60 B |
| 976100M000B | 104 - 4" | 24 B |
| 976100N000B | 130 - 5" | 16 B |
| 976100P000B | 156 - 6" | 8 B |

## Installazione

Installation / Instalación

INSTALLATION



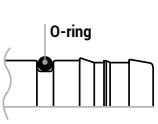






## O-ring per raccordi RioFlex

O-ring for RioFlex barbed fittings
O-ring pour raccords RioFlex
O-ring para acesorios RioFlex






| CODE: 7295 | RioFlex LAYflat | BAG |
|---|---|---|
| 729500G | 53 - 2" | 10 |
| 729500L | 78 - 3" | 10 |
| 729500M | 104 - 4" | 10 |
| 729500N | 130 - 5" | 10 |
| 729500P | 156 - 6" | 10 |

## Fascetta in acciaio inox

Stainless steel strap
Bande en acier inox
Brida en acero inox



| CODE: 773004 | RioFlex LAYflat | BOLTS | L | PACK |
|---|---|---|---|---|
| 773004G000 | 53 - 2" | M5 | 15 | 100 C |
| 773004L000 | 78 - 3" | M6 | 28 | 66 C |
| 773004M000 | 104 - 4" | M6 | 28 | 44 C |
| 773004N000 | 130 - 5" | M6 | 28 | 22 C |
| 773004P000 | 156 - 6" | M6 | 28 | 11 C |

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## Progetta il tuo impianto di irrigazione in 30 secondi

Design your drip irrigation system in 30 seconds

Concevez votre système d'irrigation en 30 secondes

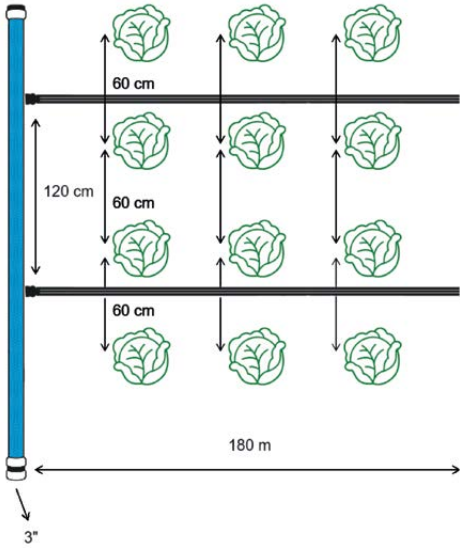
Proyecta tu sistema de riego en 30 segundos

TOOL IT

TOOL EN

TOOL FR

TOOL ES
















SAB
cherish your water
SYSTEM GROUP

**SAB S.p.A.**
via Salvo D'Acquisto
61048 Sant'Angelo in Vado (PU)
ITALY
tel. +39 0722 810 800
fax +39 0722 810 158
sab@tubi.net
**www.sabspa.com**

Società soggetta a direzione e coordinamento da parte di HB Boscarini S.p.A.

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