

# VEVOR<sup>®</sup>

## TOUGH TOOLS, HALF PRICE

Technical Support and E-Warranty Certificate [www.vevor.com/support](http://www.vevor.com/support)

### PEX-AL-PEX ALUMINUM-PLASTIC COMPOSITE PIPE

MODEL:P49-1-X、P49-3-X

X is 25/50/100/200/500

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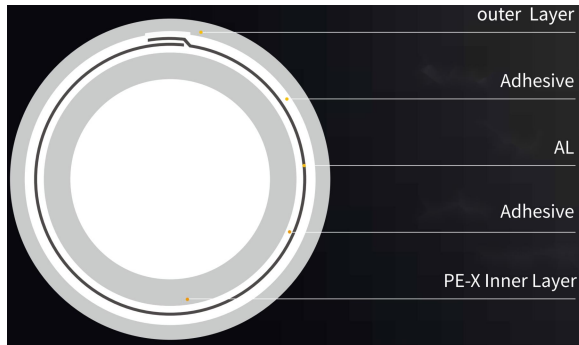
## PRODUCT PAREMETERS

| Model             | P49-1-25                   | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|-------------------|----------------------------|-----------|-----------|-----------|----------|
| Exterior Diameter | 16mm                       | 16mm      | 16mm      | 16mm      | 20mm     |
| Overall Thickness | 2mm                        | 2mm       | 2mm       | 2mm       | 2mm      |
| Total Length      | 25m                        | 100m      | 200m      | 300m      | 50m      |
| Color             | White                      | White     | White     | White     | White    |
| Material          | PEX - Aluminum Layer - PEX |           |           |           |          |

## PACKING LIST

| Model          |                                                                                     | P49-1-25 | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|----------------|-------------------------------------------------------------------------------------|----------|-----------|-----------|-----------|----------|
| COMPOSITE PIPE |   | 1pcs     | 1pcs      | 1pcs      | 1pcs      | 1pcs     |
| Rounding tool  |  | 1pcs     | 1pcs      | 1pcs      | 1pcs      | 1pcs     |
| Pipe Cutter    |  | 0pcs     | 0pcs      | 1pcs      | 1pcs      | 0pcs     |
| Clamps         |  | 0pcs     | 10pcs     | 20pcs     | 30pcs     | 10pcs    |

## Fifth floor structural section



## INSTRUCTIONS

◎Long service life: under the working temperature of 70 °C and the working pressure of 1.0MPa, the long-term continuous service life is more than 50 years; the normal temperature 20c service life is more than 100 years;

◎The crosslinking degree is stable and even: the crosslinking degree is stable, the inner and outer diameters of the pipes are unified, and the wall thickness is even in the longitudinal and transverse directions;

◎High strength pressure resistance: it can withstand 85 ° water temperature for a long time, because it contains seamless laser butt welding and aluminum layer of lap welding process, it can withstand 10 kg pressure range;

◎Good thermal conductivity: the coefficient of thermal conductivity is 0.45w/mk, 1.5 ~ 2 times of the coefficient of cross-linked polyethylene pipe, which is more conducive to the heat transfer between the pipe and the floor, and the heating system has higher thermal efficiency;

◎Installation is faster as bending without rebound : with the characteristics

of easy bending non-respringback, laying coil in construction, pipe positioning and fixing are very easy, work efficiency can be greatly improved;

◎ The coefficient of thermal expansion is small: the coefficient of thermal expansion is  $2.5 \times 10^{-5}$  m/mk, to avoid large expansion or contraction caused by ground rupture or pipe system damage;

◎The safety of oxygen protection system: the aluminum tube in the middle layer can completely isolate the oxygen permeation, prevent the oxidation corrosion of the corrosion-prone components, and ensure the normal operation and service life of the system for a long time;

◎Smooth inner wall of pipe without scaling: streamlined design, low fluid resistance, low flow noise, reduce scaling to avoid blockage;

◎Good heat resistance: Vicat softening point is  $131.5^{\circ}\text{C}$ , the maximum working temperature up to  $95^{\circ}\text{C}$ , fully meet the building water supply and drainage code in the use of hot water system requirements;

◎Don't damage on cold temperature: in winter- $40^{\circ}\text{C}$  low temperature conditions can be normal construction, easy to bend without damage, hot melt and mechanical connection is convenient and simple;

## INSTRUCTIONS FOR USE

### Easy Installation

The aluminum-plastic pipe can be cut with a special pipe cutter or other cutting tools, without the need for a wire, and can be bent without rebounding. The pipe bending operation is simple and the pipeline connection is convenient.



① Prepare the Tools



② Put On Nuts & Snap Ring Connector



③ Tighten the Nut



Note: No hardware included

**Address:** Baoshanqu Shuangchenglu 803long 11hao 1602A-1609shi Shanghai  
**Imported to AUS:** SIHAO PTY LTD. 1 ROKEVA STREETEASTWOOD NSW 2122  
Australia

**Imported to USA:** Sanven Technology Ltd. Suite 250, 9166 Anaheim Place,  
Rancho Cucamonga, CA 91730

|           |            |
|-----------|------------|
| <b>UK</b> | <b>REP</b> |
|-----------|------------|

Pooledas Group Ltd  
Unit 5 Albert Edward House, The  
Pavilions Preston, United Kingdom

|           |            |
|-----------|------------|
| <b>EC</b> | <b>REP</b> |
|-----------|------------|

SHUNSHUN GmbH  
Römeräcker 9 Z2021, 76351  
Linkenheim-Hochstetten, Germany

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**Made In China**

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### **COMPOSITE ALUMINIUM-PLASTIQUE PEX-AL-PEX**

**MODÈLE : P49-1 - X, P49-3- X**

**X vaut 25/50/100/200/500**

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MODÈLE : P49-1 - X, P49-3- X



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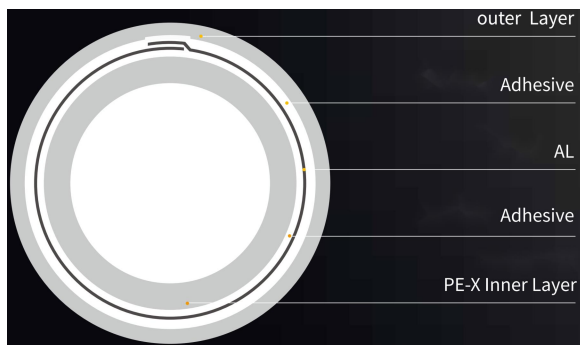
## PRODUCT PARAMETERS

| Modèle                | P49-1-25                       | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|-----------------------|--------------------------------|-----------|-----------|-----------|----------|
| Extérieur<br>Diamètre | 16mm                           | 16mm      | 16mm      | 16mm      | 20mm     |
| Épaisseur<br>totale   | 2mm                            | 2mm       | 2mm       | 2mm       | 2mm      |
| Longueur<br>totale    | 25m                            | 100m      | 200m      | 300m      | 50m      |
| Couleur               | Blanc                          | Blanc     | Blanc     | Blanc     | Blanc    |
| Matériel              | PEX - Couche d'aluminium - PEX |           |           |           |          |

## PACKING LIST

| Modèle             |                                                                                     | P49-1-25    | P49-1-100    | P49-1-200    | P49-1-300    | P49-3-50     |
|--------------------|-------------------------------------------------------------------------------------|-------------|--------------|--------------|--------------|--------------|
| TUYAU<br>COMPOSITE |   | 1 PCS       | 1 PCS        | 1 PCS        | 1 PCS        | 1 PCS        |
| Outil<br>d'arrondi |  | 1 PCS       | 1 PCS        | 1 PCS        | 1 PCS        | 1 PCS        |
| Coupe-tuyau        |  | 0<br>pièces | 0<br>pièces  | 1 PCS        | 1 PCS        | 0<br>pièces  |
| Pinces             |  | 0<br>pièces | 10<br>pièces | 20<br>pièces | 30<br>pièces | 10<br>pièces |

## Section structurelle du cinquième étage



### INSTRUCTIONS

©Longue durée de vie : sous une température de fonctionnement de 70 °C et une pression de service de 1,0 MPa, la durée de vie continue à long terme est supérieure à 50 ans ; la durée de vie à température normale de 20 °C est supérieure à 100 ans ;

©Le degré de réticulation est stable et uniforme : le degré de réticulation est stable, les diamètres intérieur et extérieur des tuyaux sont unifiés et l'épaisseur de paroi est uniforme dans les directions longitudinale et transversale ;

©Résistance à la pression à haute résistance : il peut résister à une température de l'eau de 85 ° pendant une longue période, car il contient un soudage bout à bout au laser sans soudure et une couche d'aluminium de processus de soudage par recouvrement, il peut résister à une plage de pression de 10 kg ;

©Bonne conductivité thermique : le coefficient de conductivité thermique est de 0,45 W/mk, 1,5 ~ 2 fois le coefficient du tuyau en polyéthylène réticulé, ce qui est plus propice au transfert de chaleur entre le tuyau et le sol, et le système de chauffage a efficacité thermique plus élevée ;

© L'installation est plus rapide car le pliage sans rebond : avec les caractéristiques de pliage facile sans retour élastique, la pose de la bobine dans la construction, le positionnement et la fixation des tuyaux sont très faciles, l'efficacité du travail peut être grandement améliorée ;

© Le coefficient de dilatation thermique est faible : le coefficient de dilatation thermique est de  $2,5 \times 10^{-5}$  m/mk, pour éviter une dilatation ou une contraction importante causée par une rupture du sol ou des dommages au système de canalisations ;

© La sécurité du système de protection contre l'oxygène : le tube en aluminium dans la couche intermédiaire peut isoler complètement la perméation de l'oxygène, empêcher la corrosion par oxydation des composants sujets à la corrosion et assurer le fonctionnement normal et la durée de vie du système pendant une longue période ;

© Paroi intérieure lisse du tuyau sans tartre : conception simplifiée, faible résistance aux fluides, faible bruit d'écoulement, réduit le tartre pour éviter le blocage ;

© Bonne résistance à la chaleur : le point de ramollissement Vicat est de 131,5 °C, la température de fonctionnement maximale jusqu'à 95 °C, répond pleinement au code d'approvisionnement en eau et de drainage du bâtiment lors de l'utilisation des exigences du système d'eau chaude ;

© Ne pas endommager par temps froid : en hiver, des conditions de basse température de 40 °C peuvent être une construction normale, facile à plier sans dommage, la fusion chaude et la connexion mécanique sont pratiques et simples ;

## INSTRUCTIONS FOR USE

## Installation facile

Le tuyau en aluminium-plastique peut être coupé avec un coupe-tube spécial ou d'autres outils de coupe, sans avoir besoin de fil, et peut être plié sans rebondir. L'opération de cintrage des tuyaux est simple et le raccordement du pipeline est pratique.



① Prepare the Tools



② Put On Nuts & Snap Ring Connector



③ Tighten the Nut



Note: No hardware included

**Adresse :** Baoshanqu Shuangchenglu 803long 11hao 1602A-1609shi Shanghai  
**Importé en Australie :** SIHAO PTY LTD . 1 ROKEVA STREETASTWOOD NSW  
2122 Australie  
**Importé aux États-Unis :** Sanven Technology Ltd. Suite 250, 9166 Anaheim  
Place, Rancho Cucamonga, CA 91730

|           |            |                                                                                            |
|-----------|------------|--------------------------------------------------------------------------------------------|
| <b>UK</b> | <b>REP</b> | Pooledas Group Ltd<br>Unit 5 Albert Edward House, The<br>Pavilions Preston, United Kingdom |
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|           |            |                                                                               |
|-----------|------------|-------------------------------------------------------------------------------|
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**Fabrique en Chine**

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Technisch Support- und E-Garantie-Zertifikat [www.vevor.com/support](http://www.vevor.com/support)

**PEX-AL-PEX**

**ALUMINIUM-KUNSTSTOFF-**

**VERBUNDROHR**

**MODELL: P49-1 - X, P49-3- X**

**X ist 25/50/100/200/500**

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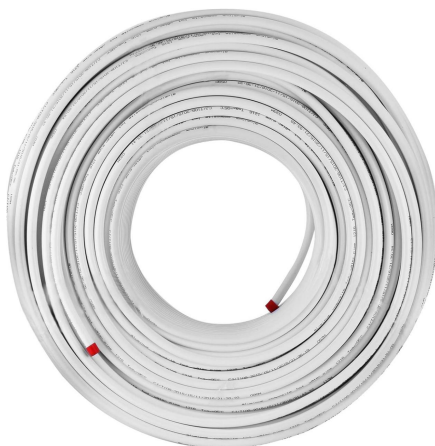
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**PEX-AL-PEX**

**ALUMINIUM-KUNSTSTOFF-**

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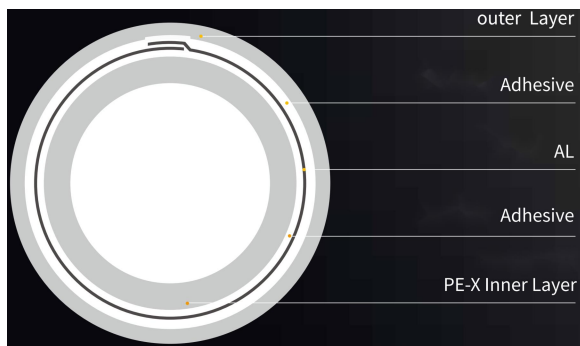
| Modell            | P49-1-25                     | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|-------------------|------------------------------|-----------|-----------|-----------|----------|
| Außen Durchmesser | 16mm                         | 16mm      | 16mm      | 16mm      | 20mm     |
| Gesamtdicke       | 2mm                          | 2mm       | 2mm       | 2mm       | 2mm      |
| Gesamtlänge       | 25m                          | 100m      | 200m      | 300m      | 50m      |
| Farbe             | Weiß                         | Weiß      | Weiß      | Weiß      | Weiß     |
| Material          | PEX - Aluminiumschicht - PEX |           |           |           |          |

## PACKING LIST

| Modell           |                                                                                     | P49-1-25 | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|------------------|-------------------------------------------------------------------------------------|----------|-----------|-----------|-----------|----------|
| VERBUNDROHR      |  | 1 Stück  | 1 Stück   | 1 Stück   | 1 Stück   | 1 Stück  |
| Rundungswerkzeug |  | 1 Stück  | 1 Stück   | 1 Stück   | 1 Stück   | 1 Stück  |
| Rohrschneider    |  | 0Stk     | 0Stk      | 1 Stück   | 1 Stück   | 0Stk     |

|             |                                                                                   |      |             |          |          |             |
|-------------|-----------------------------------------------------------------------------------|------|-------------|----------|----------|-------------|
| Klemme<br>n |  | 0Stk | 10<br>Stück | 20 Stück | 30 Stück | 10<br>Stück |
|-------------|-----------------------------------------------------------------------------------|------|-------------|----------|----------|-------------|

Strukturabschnitt im fünften Stock



## INSTRUCTIONS

©Lange Lebensdauer: Bei einer Arbeitstemperatur von 70 °C und einem Arbeitsdruck von 1,0 MPa beträgt die langfristige Dauerlebensdauer mehr als 50 Jahre; Die Lebensdauer bei normaler Temperatur und 20 °C beträgt mehr als 100 Jahre.

©Der Vernetzungsgrad ist stabil und gleichmäßig: Der Vernetzungsgrad ist stabil, die Innen- und Außendurchmesser der Rohre sind einheitlich und die Wandstärke ist in Längs- und Querrichtung gleichmäßig;

©Hochfeste Druckbeständigkeit: Es hält einer Wassertemperatur von 85 ° lange stand, da es ein nahtloses Laserstumpfschweißen und eine Aluminiumschicht im Überlappschweißverfahren enthält und einem Druckbereich von 10 kg standhält.

©Gute Wärmeleitfähigkeit: Der Wärmeleitfähigkeitskoeffizient beträgt 0,45 W/mK, das 1,5- bis 2-fache des Koeffizienten von vernetzten Polyethylenrohren, was die Wärmeübertragung zwischen Rohr und Boden

und das Heizsystem begünstigt höherer thermischer Wirkungsgrad;

©Die Installation ist schneller als das Biegen ohne Rückfederung: Mit den Eigenschaften des einfachen Biegens ohne Rückfederung sind das Verlegen der Spule in der Konstruktion, die Rohrpositionierung und -befestigung sehr einfach, die Arbeitseffizienz kann erheblich verbessert werden;

© Der Wärmeausdehnungskoeffizient ist klein: Der Wärmeausdehnungskoeffizient beträgt  $2,5 \times 10^{-5} \text{ m/mK}$ , um große Ausdehnungen oder Kontraktionen durch Bodenbrüche oder Rohrsystemschäden zu vermeiden;

©Die Sicherheit des Sauerstoffschutzsystems: Das Aluminiumrohr in der mittleren Schicht kann die Sauerstoffpermeation vollständig isolieren, die Oxidationskorrosion der korrosionsanfälligen Komponenten verhindern und den normalen Betrieb und die Lebensdauer des Systems über einen langen Zeitraum gewährleisten;

©Glatte Rohrwand ohne Ablagerungen: stromlinienförmiges Design, geringer Flüssigkeitswiderstand, geringe Strömungsgeräusche, Reduzierung von Ablagerungen zur Vermeidung von Verstopfungen;

©Gute Hitzebeständigkeit: Der Vicat-Erweichungspunkt beträgt  $131,5^\circ\text{C}$ , die maximale Arbeitstemperatur bis zu  $95^\circ\text{C}$ , erfüllt vollständig die Gebäudewasserversorgungs- und Entwässerungsvorschriften für die Verwendung von Warmwassersystemen.

© Keine Beschädigung bei kalten Temperaturen: Im Winter können niedrige Temperaturen von bis zu  $40^\circ\text{C}$  normal konstruiert werden, leicht zu biegen ohne Beschädigung, Heißschmelzen und mechanische Verbindung sind bequem und einfach;

## INSTRUCTIONS FOR USE

### Einfache Installation

Das Aluminium-Kunststoff-Rohr kann mit einem speziellen Rohrschneider oder anderen Schneidwerkzeugen ohne Draht geschnitten und ohne Rückprall gebogen werden. Der Rohrbiegevorgang ist einfach und der Rohrleitungsanschluss bequem.



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② Put On Nuts & Snap Ring Connector



③ Tighten the Nut



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**In China hergestellt**

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**TUBO IN COMPOSITO ALLUMINIO-PLASTICA  
PEX-AL-PEX**

**MODELLO: P49-1 - X、 P49-3- X**

**X è 25/50/100/200/500**

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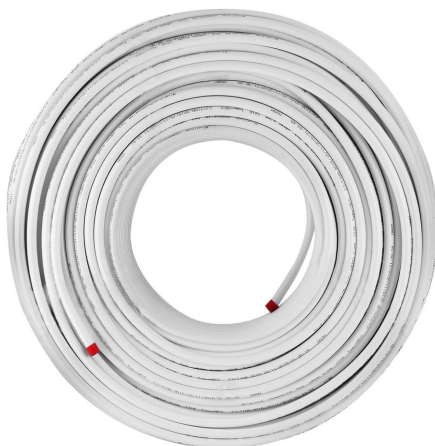
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## TUBO IN COMPOSITO ALLUMINIO-PLASTICA PEX-AL-PEX

MODELLO: P49-1 - X、P49-3- X



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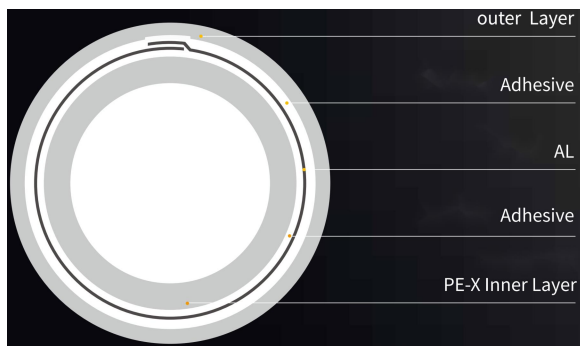
| Modello                 | P49-1-25                        | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|-------------------------|---------------------------------|-----------|-----------|-----------|----------|
| Esterno<br>Diametro     | 16 mm                           | 16 mm     | 16mm      | 16mm      | 20 mm    |
| Spessore<br>complessivo | 2 mm                            | 2 mm      | 2 mm      | 2 mm      | 2 mm     |
| Lunghezza<br>a totale   | 25m                             | 100 metri | 200 metri | 300 metri | 50m      |
| Colore                  | Bianco                          | Bianco    | Bianco    | Bianco    | Bianco   |
| Materiale               | PEX - Strato di alluminio - PEX |           |           |           |          |

## PACKING LIST

| Modello                        |                                                                                     | P49-1-25 | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|--------------------------------|-------------------------------------------------------------------------------------|----------|-----------|-----------|-----------|----------|
| TUBO<br>COMPOSITO              |  | 1 pz     | 1 pz      | 1 pz      | 1 pz      | 1 pz     |
| Strumento di<br>arrotondamento |  | 1 pz     | 1 pz      | 1 pz      | 1 pz      | 1 pz     |
| Tagliatubi                     |  | 0 pezzi  | 0 pezzi   | 1 pz      | 1 pz      | 0 pezzi  |

|          |                                                                                   |         |          |          |          |          |
|----------|-----------------------------------------------------------------------------------|---------|----------|----------|----------|----------|
| Morsetti |  | 0 pezzi | 10 pezzi | 20 pezzi | 30 pezzi | 10 pezzi |
|----------|-----------------------------------------------------------------------------------|---------|----------|----------|----------|----------|

Sezione strutturale del quinto piano



## INSTRUCTIONS

©Lunga durata: alla temperatura di esercizio di 70 °C e alla pressione di esercizio di 1,0 MPa, la durata di servizio continua a lungo termine è superiore a 50 anni; la durata di servizio normale della temperatura 20°C è più di 100 anni;

©Il grado di reticolazione è stabile e uniforme: il grado di reticolazione è stabile, i diametri interno ed esterno dei tubi sono unificati e lo spessore della parete è uniforme nelle direzioni longitudinale e trasversale;

©Resistenza alla pressione ad alta resistenza: può resistere a lungo alla temperatura dell'acqua di 85 °, poiché contiene saldatura di testa laser senza soluzione di continuità e processo di saldatura a sovrapposizione di strati di alluminio, può sopportare un intervallo di pressione di 10 kg;

©Buona conduttività termica: il coefficiente di conduttività termica è 0,45 W/mk, 1,5 ~ 2 volte il coefficiente del tubo in polietilene reticolato, che è più favorevole al trasferimento di calore tra il tubo e il pavimento, e il sistema di

riscaldamento ha maggiore efficienza termica;

©L'installazione è più veloce poiché si piega senza rimbalzo: con le caratteristiche di facile piegatura senza ritorno elastico, la posa della bobina nella costruzione, il posizionamento e il fissaggio del tubo sono molto facili, l'efficienza del lavoro può essere notevolmente migliorata;

© Il coefficiente di dilatazione termica è piccolo: il coefficiente di dilatazione termica è  $2,5 \times 10^{-5}$  m/mk, per evitare grandi dilatazioni o contrazioni causate dalla rottura del terreno o dal danneggiamento del sistema di tubazioni;

©La sicurezza del sistema di protezione dell'ossigeno: il tubo di alluminio nello strato intermedio può isolare completamente la permeazione dell'ossigeno, prevenire la corrosione ossidativa dei componenti soggetti a corrosione e garantire a lungo il normale funzionamento e la durata del sistema;

©Parete interna liscia del tubo senza incrostazioni: design aerodinamico, bassa resistenza ai fluidi, basso rumore di flusso, riduzione delle incrostazioni per evitare blocchi;

©Buona resistenza al calore: il punto di rammollimento Vicat è  $131,5^{\circ}\text{C}$ , la temperatura massima di esercizio fino a  $95^{\circ}\text{C}$ , soddisfa pienamente il codice di approvvigionamento idrico e di drenaggio dell'edificio nell'uso dei requisiti del sistema di acqua calda;

©Non danneggiare a basse temperature: in inverno  $-40^{\circ}\text{C}$  le condizioni di bassa temperatura possono essere di costruzione normale, facili da piegare senza danni, l'hot melt e il collegamento meccanico sono comodi e semplici;

## INSTRUCTIONS FOR USE

### Installazione facile

Il tubo in alluminio-plastica può essere tagliato con uno speciale tagliatubi o altri utensili da taglio, senza bisogno di filo, e può essere piegato senza rimbalzare. L'operazione di piegatura del tubo è semplice e il collegamento della tubazione è conveniente.



① Prepare the Tools



② Put On Nuts & Snap Ring Connector



③ Tighten the Nut



Note: No hardware included

**Indirizzo:** Baoshanqu Shuangchenglu 803long 11hao 1602A-1609shi Shanghai

**Importato in AUS:** SIHAO PTY LTD . 1 ROKEVA STREETEASTWOOD NSW  
2122 Australia

**Importato negli Stati Uniti:** Sanven Technology Ltd. Suite 250, 9166 Anaheim  
Place, Rancho Cucamonga, CA 91730

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|           |            |                                                                               |
|-----------|------------|-------------------------------------------------------------------------------|
| <b>EC</b> | <b>REP</b> | SHUNSHUN GmbH<br>Römeräcker 9 Z2021, 76351<br>Linkenheim-Hochstetten, Germany |
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### **TUBO COMPUESTO DE ALUMINIO-PLÁSTICO PEX-AL-PEX**

**MODELO: P49-1 - X、 P49-3- X**

**X es 25/50/100/200/500**

We continue to be committed to provide you tools with competitive price.

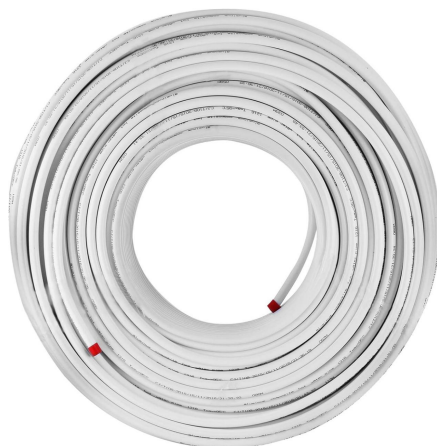
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## TUBO COMPUESTO DE ALUMINIO-PLÁSTICO PEX-AL-PEX

MODELO: P49-1 - X、P49-3- X



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## PRODUCT PAREMETERS

| Modelo            | P49-1-25                     | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|-------------------|------------------------------|-----------|-----------|-----------|----------|
| Exterior Diámetro | 16mm                         | 16mm      | 16mm      | 16mm      | 20mm     |
| Espesor total     | 2mm                          | 2mm       | 2mm       | 2mm       | 2mm      |
| Largo total       | 25m                          | 100m      | 200m      | 300m      | 50m      |
| Color             | Blanco                       | Blanco    | Blanco    | Blanco    | Blanco   |
| Material          | PEX - Capa de Aluminio - PEX |           |           |           |          |

## PACKING LIST

| Modelo                  |                                                                                     | P49-1-25 | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|-------------------------|-------------------------------------------------------------------------------------|----------|-----------|-----------|-----------|----------|
| TUBO COMPUTESTO         |   | PC 1     | PC 1      | PC 1      | PC 1      | PC 1     |
| herramienta de redondeo |  | PC 1     | PC 1      | PC 1      | PC 1      | PC 1     |
| Cortador de tubos       |  | 0 piezas | 0 piezas  | PC 1      | PC 1      | 0 piezas |

|             |                                                                                   |             |              |              |              |              |
|-------------|-----------------------------------------------------------------------------------|-------------|--------------|--------------|--------------|--------------|
| Abrazaderas |  | 0<br>piezas | 10<br>piezas | 20<br>piezas | 30<br>piezas | 10<br>piezas |
|-------------|-----------------------------------------------------------------------------------|-------------|--------------|--------------|--------------|--------------|

Sección estructural del quinto piso.



**INSTRUCTIONS**

- ©Larga vida útil: bajo una temperatura de trabajo de 70 °C y una presión de trabajo de 1,0 MPa, la vida útil continua a largo plazo es de más de 50 años; la vida útil a temperatura normal de 20 °C es de más de 100 años;
- ©El grado de reticulación es estable y uniforme: el grado de reticulación es estable, los diámetros interior y exterior de las tuberías están unificados y el espesor de la pared es uniforme en las direcciones longitudinal y transversal;
- ©Resistencia a la presión de alta resistencia: puede soportar una temperatura del agua de 85 ° durante mucho tiempo, debido a que contiene soldadura a tope láser sin costuras y una capa de aluminio del proceso de soldadura por solape, puede soportar un rango de presión de 10 kg;
- ©Buena conductividad térmica: el coeficiente de conductividad térmica es 0,45 w/mk, 1,5 ~ 2 veces el coeficiente de la tubería de polietileno

reticulado, que es más propicio para la transferencia de calor entre la tubería y el piso, y el sistema de calefacción tiene mayor eficiencia térmica;

© La instalación es más rápida que el doblado sin rebote: con las características de fácil doblado sin retorno, la colocación de la bobina en la construcción, el posicionamiento y la fijación de la tubería son muy fáciles, la eficiencia del trabajo se puede mejorar considerablemente;

© El coeficiente de expansión térmica es pequeño: el coeficiente de expansión térmica es  $2,5 \times 10^{-5}$  m/mk, para evitar una gran expansión o contracción causada por la ruptura del suelo o daños al sistema de tuberías;

© La seguridad del sistema de protección de oxígeno: el tubo de aluminio en la capa intermedia puede aislar completamente la permeación de oxígeno, prevenir la corrosión por oxidación de los componentes propensos a la corrosión y garantizar el funcionamiento normal y la vida útil del sistema durante mucho tiempo;

© Pared interior lisa de la tubería sin incrustaciones: diseño aerodinámico, baja resistencia al fluido, bajo ruido de flujo, reduce la incrustación para evitar obstrucciones;

© Buena resistencia al calor: el punto de reblandecimiento Vicat es de  $131,5\text{ }^{\circ}\text{C}$ , la temperatura máxima de trabajo de hasta  $95\text{ }^{\circ}\text{C}$ , cumple plenamente con el código de drenaje y suministro de agua de edificios en el uso de los requisitos del sistema de agua caliente;

© No se dañe con temperaturas frías: en invierno, las condiciones de baja temperatura de  $-40\text{ }^{\circ}\text{C}$  pueden ser una construcción normal, fácil de doblar sin daños, el termofusible y la conexión mecánica son convenientes y simples;

## INSTRUCTIONS FOR USE

### Fácil instalación

El tubo de aluminio y plástico se puede cortar con un cortatubos especial u otras herramientas de corte, sin necesidad de alambre, y se puede doblar sin rebotar. La operación de doblado de tuberías es simple y la conexión de tuberías es conveniente.



① Prepare the Tools



② Put On Nuts & Snap Ring Connector



③ Tighten the Nut



Note: No hardware included

**Dirección:** Baoshanqu Shuangchenglu 803long 11hao 1602A-1609shi Shanghai  
**Importado a AUS:** SIHAO PTY LTD . 1 ROKEVA STREETASTWOOD NSW 2122 Australia  
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### RURA KOMPOZYTOWA ALUMINIOWO-PLASTIKOWA PEX-AL-PEX

**MODEL: P49-1 - X, P49-3- X**

**X wynosi 25/50/100/200/500**

We continue to be committed to provide you tools with competitive price.

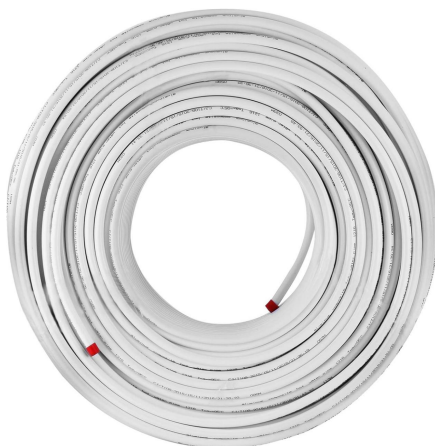
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MODEL: P49-1 - X, P49-3- X



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## PRODUCT PARAMETERS

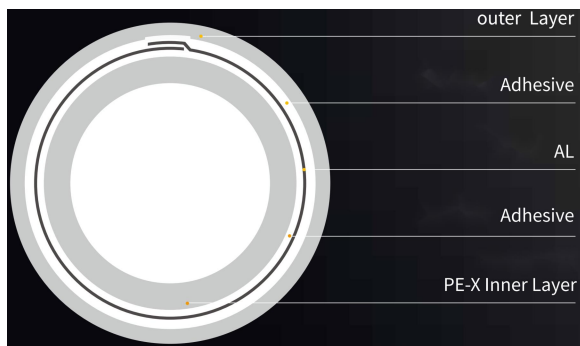
| Model               | P49-1-25                       | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|---------------------|--------------------------------|-----------|-----------|-----------|----------|
| Zewnętrzny Średnica | 16mm                           | 16mm      | 16mm      | 16mm      | 20mm     |
| Całkowita grubość   | 2mm                            | 2mm       | 2mm       | 2mm       | 2mm      |
| Długość całkowita   | 25 m                           | 100 m     | 200 m     | 300 m     | 50 m     |
| Kolor               | Biały                          | Biały     | Biały     | Biały     | Biały    |
| Materiał            | PEX - Warstwa Aluminiowa - PEX |           |           |           |          |

## PACKING LIST

| Model                     |                                                                                     | P49-1-25 | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|---------------------------|-------------------------------------------------------------------------------------|----------|-----------|-----------|-----------|----------|
| RURA KOMPOZYTOWA          |  | 1 szt    | 1 szt     | 1 szt     | 1 szt     | 1 szt    |
| Narzędzie do zaokrąglania |  | 1 szt    | 1 szt     | 1 szt     | 1 szt     | 1 szt    |
| Obcinaczka rur            |  | 0szt     | 0szt      | 1 szt     | 1 szt     | 0szt     |

|         |                                                                                   |      |             |       |       |             |
|---------|-----------------------------------------------------------------------------------|------|-------------|-------|-------|-------------|
| Zaciski |  | 0szt | 10<br>sztuk | 20szt | 30szt | 10<br>sztuk |
|---------|-----------------------------------------------------------------------------------|------|-------------|-------|-------|-------------|

Sekcja konstrukcyjna piątego piętra



## INSTRUCTIONS

©Długa żywotność: w temperaturze roboczej 70 °C i ciśnieniu roboczym 1,0 MPa długoterminowa ciągła żywotność wynosi ponad 50 lat; żywotność w normalnej temperaturze 20 °C wynosi ponad 100 lat;

©Stopień usieciowania jest stabilny i równy: stopień usieciowania jest stabilny, średnica wewnętrzna i zewnętrzna rur są ujednolicone, a grubość ścianki jest równa w kierunku wzdłużnym i poprzecznym;

©Wysoka wytrzymałość na ciśnienie: może wytrzymać temperaturę wody 85 ° przez długi czas, ponieważ zawiera bezszwowe laserowe zgrzewanie doczołowe i aluminiową warstwę w procesie zgrzewania zakładkowego, wytrzymuje zakres ciśnienia 10 kg;

©Dobra przewodność cieplna: współczynnik przewodności cieplnej wynosi 0,45 w/mk, 1,5 ~ 2 razy więcej niż współczynnik rury z usieciowanego polietylenu, co lepiej sprzyja przenoszeniu ciepła między rurą a podłogą, a system grzewczy ma wyższą sprawność cieplną;

© Instalacja jest szybsza niż zginanie bez odbicia: dzięki właściwościom łatwego zginania bez sprężynowania, układanie cewki w konstrukcji, pozycjonowanie i mocowanie rur są bardzo łatwe, wydajność pracy można znacznie poprawić;

© Współczynnik rozszerzalności cieplnej jest mały: współczynnik rozszerzalności cieplnej wynosi  $2,5 \times 10^{-5}$  m/mK, aby uniknąć dużego rozszerzania lub kurczenia się spowodowanego pęknięciem gruntu lub uszkodzeniem systemu rur;

© Bezpieczeństwo systemu ochrony przed tlenem: aluminiowa rura w warstwie środkowej może całkowicie odizolować przenikanie tlenu, zapobiec korozji oksydacyjnej elementów podatnych na korozję oraz zapewnić normalne działanie i żywotność systemu przez długi czas;

© Gładka wewnętrzna ściana rury bez kamienia: opływowa konstrukcja, niski opór płynu, niski poziom hałasu przepływu, redukcja osadzania się kamienia, aby uniknąć blokowania;

© Dobra odporność na ciepło: temperatura mięknięcia Vicata wynosi 131,5 °C, maksymalna temperatura robocza do 95 °C, w pełni spełniają wymagania dotyczące zaopatrzenia i odprowadzania wody w budynku w zakresie korzystania z systemu ciepłej wody;

© Nie uszkadzaj pod wpływem niskiej temperatury: zimą - 40 °C w niskich temperaturach konstrukcja może być normalna, łatwa do zginania bez uszkodzeń, klej topliwy i połączenie mechaniczne są wygodne i proste;

## INSTRUCTIONS FOR USE

### Łatwa instalacja

Rura aluminiowo-plastikowa może być cięta specjalnym obcinakiem do rur

lub innym narzędziem tnącym bez użycia drutu, a także wyginana bez odbicia. Operacja gięcia rur jest prosta, a połączenie rurociągu wygodne.



① Prepare the Tools



② Put On Nuts & Snap Ring Connector



③ Tighten the Nut



Note: No hardware included

**Adres:** Baoshanqu Shuangchenglu 803long 11hao 1602A-1609shi Szanghaj  
**Import do AUS:** SIHAO PTY LTD . 1 ROKEVA STREETEASTWOOD NSW 2122  
Australia

**Import do USA:** Sanven Technology Ltd. Suite 250, 9166 Anaheim Place, Rancho Cucamonga, CA 91730

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**PEX-AL-PEX**

**ALUMINIUM-KUNSTSTOF**

**COMPOSIETBUIJS**

**MODEL: P49-1 - X、 P49-3- X**

**X is 25/50/100/200/500**

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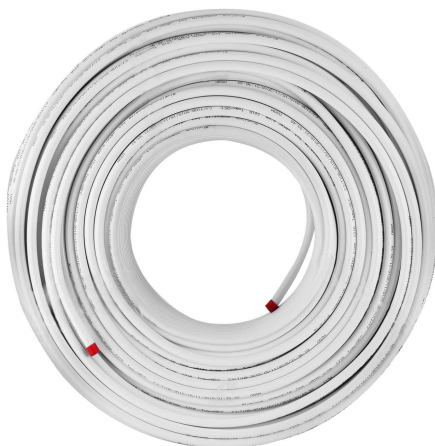
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**PEX-AL-PEX**

**ALUMINIUM-KUNSTSTOF**

**COMPOSITBUIS**

**MODEL: P49-1 - X、P49-3- X**



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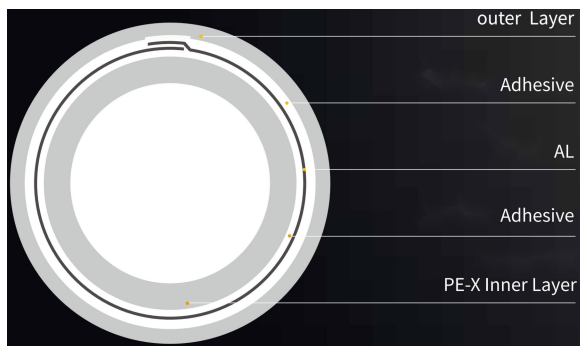
| Model                      | P49-1-25                  | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|----------------------------|---------------------------|-----------|-----------|-----------|----------|
| Buitenkan<br>t<br>Diameter | 16 mm                     | 16 mm     | 16 mm     | 16 mm     | 20 mm    |
| Totale<br>dikte            | 2 mm                      | 2 mm      | 2 mm      | 2 mm      | 2 mm     |
| Totale<br>lengte           | 25m                       | 100m      | 200m      | 300m      | 50m      |
| Kleur                      | Wit                       | Wit       | Wit       | Wit       | Wit      |
| Materiaal                  | PEX - Aluminiumlaag - PEX |           |           |           |          |

## PACKING LIST

| Model                         |                                                                                     | P49-1-25 | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|-------------------------------|-------------------------------------------------------------------------------------|----------|-----------|-----------|-----------|----------|
| COMPO<br>SIET<br>PIJP         |  | 1 stuk   | 1 stuk    | 1 stuk    | 1 stuk    | 1 stuk   |
| Afrondin<br>gsgeree<br>dschap |  | 1 stuk   | 1 stuk    | 1 stuk    | 1 stuk    | 1 stuk   |
| Pijpsnijd<br>er               |  | 0 stuks  | 0 stuks   | 1 stuk    | 1 stuk    | 0 stuks  |

|         |                                                                                   |         |          |          |          |          |
|---------|-----------------------------------------------------------------------------------|---------|----------|----------|----------|----------|
| Klemmen |  | 0 stuks | 10 stuks | 20 stuks | 30 stuks | 10 stuks |
|---------|-----------------------------------------------------------------------------------|---------|----------|----------|----------|----------|

Structureel gedeelte van de vijfde verdieping



## INSTRUCTIONS

© Lange levensduur: onder de werkt temperatuur van 70 °C en de werkdruk van 1,0 MPa bedraagt de ononderbroken levensduur op lange termijn meer dan 50 jaar; de normale levensduur bij een temperatuur van 20 graden Celsius is meer dan 100 jaar;

© De mate van verknoping is stabiel en gelijkmatig: de mate van verknoping is stabiel, de binnen- en buitendiameters van de buizen zijn uniform en de wanddikte is gelijkmatig in de lengte- en dwarsrichting;

© Drukweerstand met hoge sterkte: het is lange tijd bestand tegen een watertemperatuur van 85 °, omdat het naadloos laserstomplassen en een aluminiumlaag van het lasproces bevat, het is bestand tegen een drukbereik van 10 kg;

© Goede thermische geleidbaarheid: de thermische geleidbaarheidscoëfficiënt is 0,45 w/mk, 1,5 ~ 2 keer de coëfficiënt van verknoopte polyethyleen buizen, wat bevorderlijker is voor de

warmteoverdracht tussen de buis en de vloer, en het verwarmingssysteem heeft hogere thermische efficiëntie;

©De installatie is sneller omdat buigen zonder terugveren: met de kenmerken van gemakkelijk buigen zonder terugvering, het leggen van de spoel in de constructie, het positioneren en bevestigen van buizen zijn zeer eenvoudig, de werkefficiëntie kan aanzienlijk worden verbeterd;

© De thermische uitzettingscoëfficiënt is klein: de thermische uitzettingscoëfficiënt is  $2,5 \times 10^{-5}$  m/mk, om grote uitzetting of inkrimping veroorzaakt door grondbreuk of schade aan het leidingsysteem te voorkomen;

©De veiligheid van het zuurstofbeschermingssysteem: de aluminium buis in de middelste laag kan de zuurstofpermeatie volledig isoleren, de oxidatiecorrosie van de corrosiegevoelige componenten voorkomen en de normale werking en levensduur van het systeem lange tijd garanderen;

©Gladde binnenwand van de buis zonder aanslag: gestroomlijnd ontwerp, lage vloeistofweerstand, laag stromingsgeluid, vermindering van aanslag om verstopping te voorkomen;

©Goede hittebestendigheid: het verwekingspunt van Vicat is  $131,5^{\circ}\text{C}$ , de maximale werktemperatuur tot  $95^{\circ}\text{C}$ , voldoet volledig aan de watertoevoer- en afvoercode van het gebouw bij het gebruik van warmwatersysteemvereisten;

©Beschadig niet bij koude temperaturen: in de winter -  $40^{\circ}\text{C}$  kunnen lage temperaturen een normale constructie zijn, gemakkelijk te buigen zonder schade, hotmelt en mechanische verbinding zijn handig en eenvoudig;

## INSTRUCTIONS FOR USE

## Makkelijke installatie

De aluminium-kunststofbuis kan worden afgesneden met een speciale pijpsnijder of ander snijgereedschap, zonder dat er een draad nodig is, en kan worden gebogen zonder terug te stuiteren. Het buigen van de pijp is eenvoudig en de pijpleidingaansluiting is handig.



① Prepare the Tools



② Put On Nuts & Snap Ring Connector



③ Tighten the Nut



Note: No hardware included

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NSW 2122 Australië  
**Geïmporteerd naar de VS:** Sanven Technology Ltd. Suite 250, 9166 Anaheim  
Place, Rancho Cucamonga, CA 91730

|           |            |                                                                                            |
|-----------|------------|--------------------------------------------------------------------------------------------|
| <b>UK</b> | <b>REP</b> | Pooledas Group Ltd<br>Unit 5 Albert Edward House, The<br>Pavilions Preston, United Kingdom |
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| <b>EC</b> | <b>REP</b> | SHUNSHUN GmbH<br>Römeräcker 9 Z2021, 76351<br>Linkenheim-Hochstetten, Germany |
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# **VEVOR<sup>®</sup>**

**TOUGH TOOLS, HALF PRICE**

**Technisch Ondersteuning en e-garantiecertificaat**

**[www.vevor.com/support](http://www.vevor.com/support)**

**Gemaakt in China**

# **VEVOR<sup>®</sup>**

## **TOUGH TOOLS, HALF PRICE**

Teknisk Support och e-garanticertifikat [www.vevor.com/support](http://www.vevor.com/support)

### **PEX-AL-PEX ALUMINIUM- PLASTKOMPOSITRÖR**

**MODELL: P49-1 - X、 P49-3- X**

**X är 25/50/100/200/500**

We continue to be committed to provide you tools with competitive price.

"Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You

are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

# VEVOR®

TOUGH TOOLS, HALF PRICE

## PEX-AL-PEX ALUMINIUM- PLASTKOMPOSITRÖR

MODELL: P49-1 - X、P49-3- X



### NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

**Technical Support and E-Warranty Certificate**  
**[www.vevor.com/support](http://www.vevor.com/support)**

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

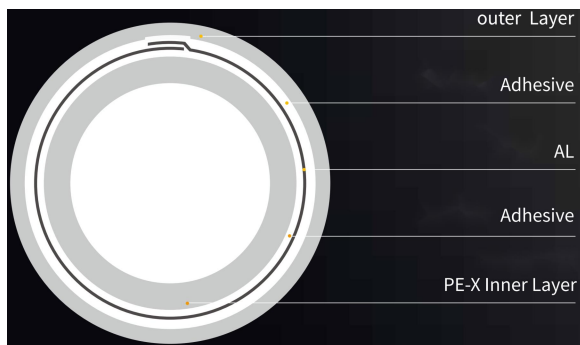
## PRODUCT PARAMETERS

| Modell            | P49-1-25                   | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|-------------------|----------------------------|-----------|-----------|-----------|----------|
| Exteriör Diameter | 16 mm                      | 16 mm     | 16 mm     | 16 mm     | 20 mm    |
| Total tjocklek    | 2 mm                       | 2 mm      | 2 mm      | 2 mm      | 2 mm     |
| Total längd       | 25m                        | 100m      | 200m      | 300m      | 50m      |
| Färg              | Vit                        | Vit       | Vit       | Vit       | Vit      |
| Material          | PEX - Aluminiumlager - PEX |           |           |           |          |

## PACKING LIST

| Modell             |                                                                                     | P49-1-25 | P49-1-100 | P49-1-200 | P49-1-300 | P49-3-50 |
|--------------------|-------------------------------------------------------------------------------------|----------|-----------|-----------|-----------|----------|
| KOMPOSITRÖR        |   | 1 st     | 1 st      | 1 st      | 1 st      | 1 st     |
| Avrundningsverktyg |  | 1 st     | 1 st      | 1 st      | 1 st      | 1 st     |
| Rörskärare         |  | 0 st     | 0 st      | 1 st      | 1 st      | 0 st     |
| Klämmor            |  | 0 st     | 10 st     | 20 st     | 30 st     | 10 st    |

## Strukturell sektion på femte våningen



## INSTRUCTIONS

© Lång livslängd: under en arbetstemperatur på 70 °C och ett arbetstryck på 1,0 MPa är den långsiktiga kontinuerliga livslängden mer än 50 år; den normala temperaturen 20°C livslängd är mer än 100 år;

© Tvärbindningsgraden är stabil och jämn: tvärbindningsgraden är stabil, rörens inre och yttre diametrar är förenade och vägg tjockleken är jämn i längsgående och tvärgående riktningar;

© Höghållfast tryckbeständighet: den tål 85 ° vattentemperatur under lång tid, eftersom den innehåller sömlös laserstumsvetsning och aluminiumskikt av överlappssvetsningsprocessen, kan den motstå 10 kg tryckområde;

© God värmeledningsförmåga: värmeledningskoefficienten är 0,45 W/mK, 1,5 ~ 2 gånger koefficienten för tvärbundet polyetenrör, vilket är mer gynnsamt för värmeöverföringen mellan röret och golvet, och värmesystemet har högre termisk effektivitet;

© Installationen går snabbare eftersom böjning utan återfjädring: med egenskaperna för enkel böjning utan återfjädring, läggning av spolen i konstruktionen, rörplacering och fixering är mycket lätt, arbetseffektiviteten

kan förbättras avsevärt;

© Termisk expansionskoefficient är liten: termisk expansionskoefficient är  $2,5 \times 10^{-5}$  m/mK, för att undvika stor expansion eller sammandragning orsakad av jordbrott eller skador på rörsystemet;

© Säkerheten för syreskyddssystem: aluminiumröret i mellanskiktet kan helt isolera syregenomträngningen, förhindra oxidationskorrosion av de korrosionsbenägna komponenterna och säkerställa systemets normala drift och livslängd under lång tid;

© Slät inre vägg av röret utan skalning: strömlinjeformad design, lågt vätskemotstånd, lågt flödesljud, reducera skalning för att undvika blockering;

© Bra värmebeständighet: Vicats mjukningspunkt är  $131,5\text{ }^{\circ}\text{C}$ , den maximala arbetstemperaturen upp till  $95\text{ }^{\circ}\text{C}$ , uppfyller byggnadens vattenförsörjnings- och dräneringskod vid användning av varmvattensystemkraven;

© Skada inte vid kall temperatur: på vintern  $-40\text{ }^{\circ}\text{C}$  låg temperatur kan vara normal konstruktion, lätt att böja utan skador, smältlim och mekanisk anslutning är bekväm och enkel;

## INSTRUCTIONS FOR USE

### Enkel installation

Aluminium-plaströret kan kapas med en speciell rörskärare eller andra skärverktyg, utan behov av en vajer, och kan böjas utan att studsas. Rörböjningsoperationen är enkel och rörledningsanslutningen är bekväm.



① Prepare the Tools



② Put On Nuts & Snap Ring Connector



③ Tighten the Nut



Note: No hardware included

**Address:** Baoshanqu Shuangchenglu 803long 11hao 1602A-1609shi Shanghai  
**Importerad till AUS:** SIHAO PTY LTD . 1 ROKEVA STREETEASTWOOD NSW  
 2122 Australien

**Importerad till USA:** Sanven Technology Ltd. Suite 250, 9166 Anaheim Place,  
 Rancho Cucamonga, CA 91730

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**Tillverkad i Kina**