



# User Manual

## دليل الاستخدام

Splice closure for Fiber Optic Cable

إغلاق لاصق كابل الألياف البصرية

**Puyesh Tajhiz Sanat Pasargad**

**Model: PU403**

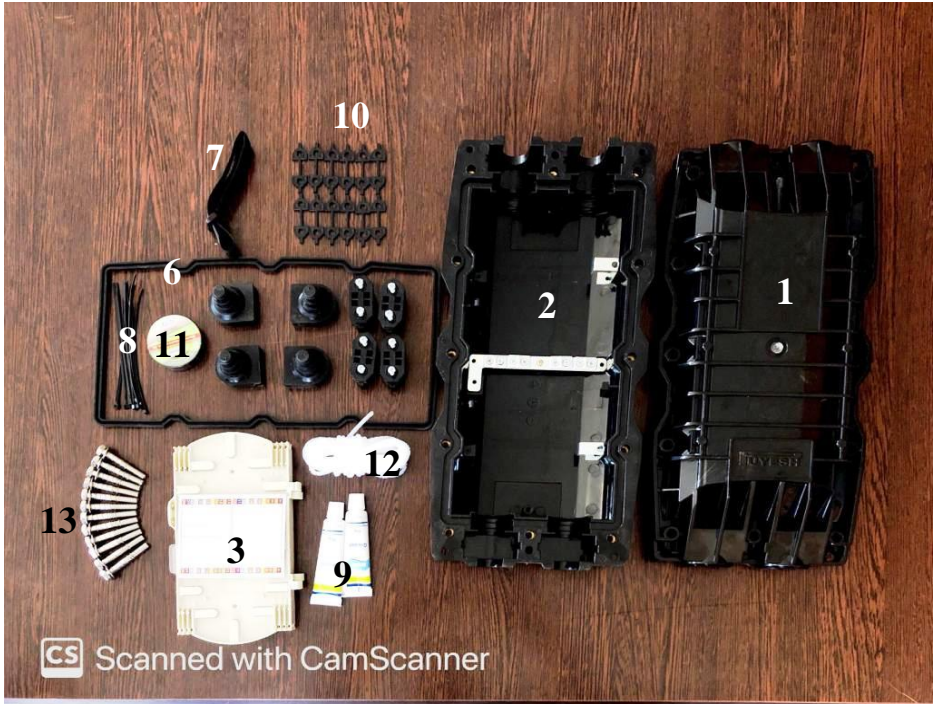
## Specification :

	PU 403 A	
Size (mm) LengthxWidthxHeight	435x205x113	
Weight (kg)	2.8	
Main Entry Port	4	
Cable Dia.(mm)	6~20 mm	
No. of Splice Tray	4	
Tray Capacity	24 ~ 48	
Splice Capacity	96 F	

## PU 403

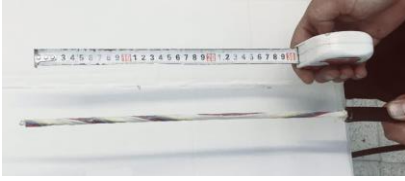


**Configuration :**



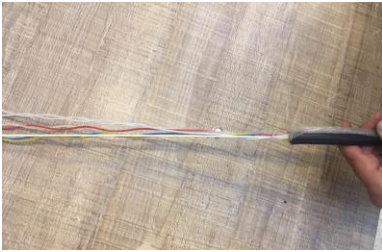
1. Upper Main Body	
2. Lower Main Body	
3. Splice Tray	
4. Sheat Gasket	
5. Sheat Holder	
6. Main Body Gasket	
7. Splice Tray Band	
8. Cable Tie	
9. Vacuum Graese	
10. Sheath Holder Adapter	
11. Tape	
12. Unit Protection Tube	
13. Steel screw	

## 1. Sheath Removal

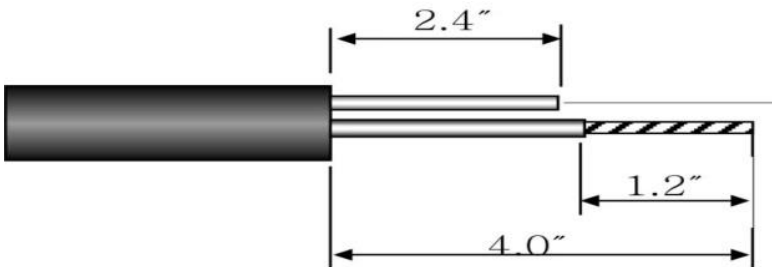
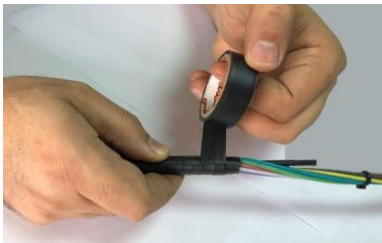


Cut the cable about 23.6"(60cm) from the cable-end and remove about 59" (150cm) of the cable sheath.

## 2. Cable preparation



Cut the central strength member 4"(10cm) from the sheath end and remove 1.2" (3cm) of polyethylene sheath. Cut the loose tube 2.4"(6cm) from the sheath end and clean the fibers with alcohol.



**3.End-Gasket cutting.**



By each cutting point in the chart below, cut the port of end-gasket.



cutting point	Applicable exterior diameter in(mm)
B	8~10 mm
C	12~14 mm
D	16~18 mm

**4.Spread of vacuum grease.**

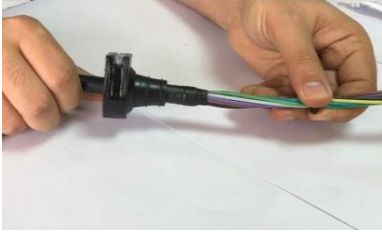


Spread the vacuum grease evenly on the gasket groove of the closure after cleaning it.



**(Note)Keep the gasket groove clean**

**5. Passage of cable in end-gasket.**



Pass the fibers through protection tube and make protection tube overlap 0.8"(2cm)of loose tube and passing the cable through end-gasket as shown at the picture

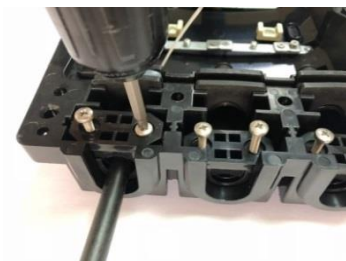
**6. Tying around the port of the end-gasket.**



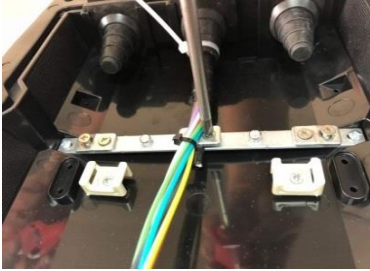
Tie around the port of the end-gasket with two cable-ties.

**7. cable clamping.**

clamp the cable on the bracket with hose clamp . Use Sheath Holder Adapter to adjust the diameter according to your cable diameter .Tighten the clamp with a screw once.

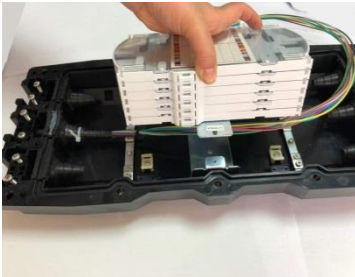


## 8.Strength member clamping.



Put gasket and cable on the lower case and then tie central strength member to the bracket.

## 9.Separation of fixed bracket.



you can arrange the tray and flip on eachother.

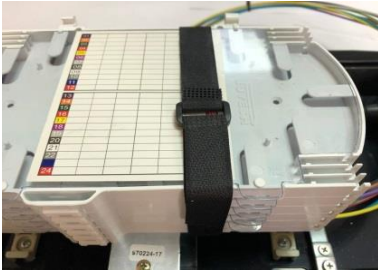
## 10.Splicing and fiber arrangement.



After splicing , apply splice - sleeves to the point of splicing and place them for each lane on the tray and then arrange the rest bundle of fiber in the tray.

**(Note)Bending radius of rest bundle must be over 38mm**

## 11. Fixture of trays



After splicing the fibers and stacking trays , tie around the trays.

## 12. closure assembly



Be careful for side - gasket not to protrude out of groove or fold , put the upper case on the lower case and then tighten all bolts in diagonal order.

**(Note) The mounting torque should be 5 N.m**



**Contact us for more  
information :**

**اتصل بنا لمزيد المعلومات:**

- **Call: 0098 9121263960**
- **instagram: puyesh\_tajhiz**
- **Email:  
puyeshhajhiz@yahoo.com**

[www.irpuyesh.com](http://www.irpuyesh.com)

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