
PAKTERMO CSST EN15266 SYSTEM



 **PAKTERMO**

www.paktermo.com





ABOUT US

Founded in 1988, **PAKTERMO AS** is located in Bursa Organised Industrial Zone. Since 2002, it has been producing stainless flexible metal hoses and fittings used in various and different application areas. By closely following the developments in the sector and new demands in the market, it expands its product range day by day with its new investments and continues to be one of the leading companies in the sector.

As a manufacturer company, all of our products are produced in-house and all kinds of customer needs can be met with the advanced technology we use and our expert technical staff.

All of our products are tested in our comprehensive laboratory and their conformity to international standards is approved. Our products are exported to 30 different countries outside the Turkish market.

Our company, which sets out with the principles of trust, service and quality, continues to work with a more dynamic, more qualified and more effective service understanding by adopting the principle of providing 100% customer satisfaction, developing technology and changing needs.

PAKTERMO CSST

CORRUGATED STAINLESS STEEL TUBING



Paktermo's corrugated stainless steel tubing (CSST) system is engineered to provide safe, reliable, and efficient gas distribution. Designed for natural gas, LPG, and hydrogen, it offers a modern and flexible alternative to traditional rigid steel or copper pipes.

Certified under BS EN 15266, the system is approved for pipe diameters up to DN50 and working pressures up to 500 mbar, ensuring long-term safety and durability across a wide range of installations. Whether for new residential developments, commercial buildings, or industrial facilities, Paktermo CSST delivers consistent performance in the most demanding environments.

Fully compatible with 1st, 2nd, and 3rd family gases as well as hydrogen, Paktermo CSST is future-ready for next-generation energy networks. Its flexibility, lightweight structure, and superior corrosion resistance reduce installation complexity while maintaining the highest standards of safety and reliability.

By combining technical excellence and proven durability, Paktermo CSST stands as the premium solution for modern gas piping.



WHY CHOOSE PAKTERMO;

Combining durability, flexibility, and simplified installation, Paktermo CSST provides a reliable gas distribution solution for projects of any scale.

Push-Fit Connection Technology

Paktermo's proprietary Push-Fit fittings enable fast, secure, and gas-tight joints without crimping, welding, or additional sealing components.

This approach reduces installation time and labor costs while ensuring consistent long-term performance.

Minimized Use of Fittings

Compared to conventional rigid piping, the system requires up to 75% fewer fittings, resulting in lower leak potential, reduced maintenance, and enhanced system safety over its service life.

Flexibility for Complex Routing

Precision-annealed tubing allows smooth navigation around obstacles and tight bends, eliminating the need for numerous joints and allowing more streamlined system layouts.

Continuous Length Supply with Metre Markings

Delivered in long, uninterrupted coils and clearly metre-marked, the system simplifies cutting and measurement, reduces material waste, and optimizes installation efficiency.

No Hot Works Required

Assembly can be performed using basic hand tools only, with no welding or flame-based work.

This ensures safer site conditions, faster approval processes, and shorter project schedules.

Designed for Outdoor and Direct Burial Installations

The UV- and thermal-resistant outer jacket ensures durability in exposed environments and allows direct underground installation without compromising the mechanical integrity of the system.



WHICH CERTIFICATIONS DOES PAKTERMO CSST HOLD?

Paktermo's corrugated stainless steel tubing (CSST) system is produced in full compliance with EN 15266 and carries multiple internationally recognized certifications, demonstrating its safety, durability, and adherence to European gas installation standards.

Paktermo CSST is officially approved by:

bsi.



United Kingdom



France



Germany



Austria



Belgium

Beyond certification, every production batch undergoes rigorous quality control procedures to ensure the highest levels of safety and reliability. Our tubing is tested through helium leak detection, hydraulic pressure resistance, tensile and elongation measurements, and dimensional accuracy checks. In addition, all raw materials are subjected to spectrographic analysis to guarantee full compliance with stainless steel chemical composition requirements.

These stringent processes are further supported by independent third-party audits and routine product testing, ensuring that every meter of Paktermo CSST consistently meets or exceeds European quality benchmarks. Our manufacturing facilities also operate continuous improvement programs, where welding procedures, forming processes, and annealing treatments are carefully monitored and validated in line with international standards.

Thanks to this comprehensive certification and testing framework, Paktermo CSST has been safely used for many years not only in the UK but also across numerous European countries, making it a trusted and proven solution for residential, commercial, and industrial gas installations. Its performance has also been validated for hydrogen-ready applications, providing future-proof safety and reliability to support the ongoing energy transition.



PAKTERMO DUO – DUAL-LAYER CSST FOR MAXIMUM SAFETY

Paktermo Duo CSST is a dual-layer corrugated stainless steel tubing system engineered to deliver enhanced protection, long-term reliability, and installation flexibility.

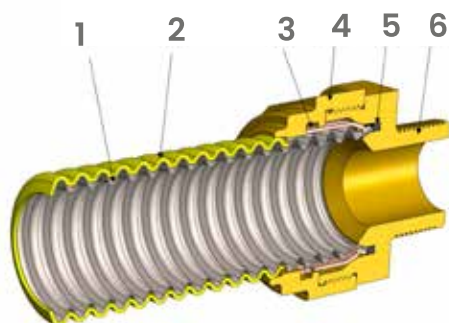
The outer jacket features a profiled underside that forms a ventilation gap between the protective layer and the inner CSST pipe. In the unlikely event of a gas release, this design allows safe and controlled venting, ensuring system integrity and operational safety.

The reinforced jacket provides additional mechanical protection for the stainless steel tubing while remaining flexible enough to navigate complex building structures. This makes **Paktermo Duo** the ideal choice for residential, commercial, and industrial gas distribution projects.

The system is certified to EUROCLASS B-S1 d0 fire reaction standards, offering high fire resistance and dependable long-term performance in demanding installation environments.



PAKTERMO EN 15266 PUSH-FIT FITTINGS



- 1- Flexible Metal Hose 1.4404 (AISI 316L)
- 2- PE Jacket
- 3- Retaining Part
- 4- Brass Nut
- 5- NBR Gasket (EN 549)
- 6- Brass Male Nipple

Paktermo EN 15266 fittings are engineered to provide long-lasting, safe, and reliable gas connections, thanks to the high-quality materials and robust design of every component.

The proprietary Push-Fit system, developed by Paktermo, allows quick and effortless installation without the need for crimping or complex assembly.

At the core of the system, the phosphor bronze clamping mechanism firmly grips the flexible hose, maximizing sealing performance and installation safety.

In case of incorrect assembly or the need for adjustment, the fittings can be safely reused, making the system not only efficient and reliable but also practical for on-site operations.

To ensure full system integrity and long-term performance, all installations must follow Paktermo Safe Installation Guidelines, and every component used in the assembly should be genuine Paktermo products.

PAKTERMO PRODUCT LIST



CORRUGATED STAINLESS STEEL TUBING

Code	Description	Package Size
P26I5015	Dn15 Csst 15 mt	510X510X225 mm
P26I5030	Dn15 Csst 30 mt	600X600X225 mm
P26I5075	Dn15 Csst 75 mt	590X300 mm Reel
P2620015	Dn20 Csst 15 mt	510X510X225 mm
P2620030	Dn20 Csst 30 mt	600X600X225 mm
P2620075	Dn20 Csst 75 mt	620X300 mm Reel
P2620150	Dn20 Csst 150 mt	690X450 mm Reel
P2620300	Dn20 Csst 300 mt	900X450 mm Reel
P2625015	Dn25 Csst 15 mt	510X510X225 mm
P2625030	Dn25 Csst 30 mt	600X600X225 mm
P2625075	Dn25 Csst 75 mt	650x450 mm Reel
P2625200	Dn25 Csst 200 mt	900X450mm Reel
P2632015	Dn32 Csst 15 mt	600X600X225 mm
P2632030	Dn32 Csst 30 mt	700X700X250 mm
P2632075	Dn32 Csst 75 mt	690X550mm Reel
P2632200	Dn32 Csst 200 mt	850X900mm Reel
P2640015	Dn40 Csst 15 mt	700X700X250 mm
P2640030	Dn40 Csst 30 mt	800X800X300 mm
P2640075	Dn40 Csst 75 mt	690X600 mm Reel
P2650015	Dn50 Csst 15 mt	700X700X250 mm
P2650030	Dn50 Csst 30 mt	690X600 mm Reel
P2650075	Dn50 Csst 75 mt	690X600 mm Reel



PAKTERMO DUO DOUBLE SLEEVE

Code	Description	Package Size
P26D15015	Dn15 Duo Csst 15 mt	510X510X225 mm
P26D15030	Dn15 Duo Csst 30 mt	600X600X225 mm
P26D15075	Dn15 Duo Csst 75 mt	590X300 mm Reel
P26D20015	Dn20 Duo Csst 15 mt	510X510X225 mm
P26D20030	Dn20 Duo Csst 30 mt	600X600X225 mm
P26D20075	Dn20 Duo Csst 75 mt	620X300 mm Reel
P26D20150	Dn20 Duo Csst 150 mt	690X450 mm Reel
P26D20300	Dn20 Duo Csst 300 mt	900X450 mm Reel
P26D25015	Dn25 Duo Csst 15 mt	510X510X225 mm
P26D25030	Dn25 Duo Csst 30 mt	600X600X225 mm
P26D25075	Dn25 Duo Csst 75 mt	650x450 mm Reel
P26D25200	Dn25 Duo Csst 200 mt	900X450mm Reel
P26D32015	Dn32 Duo Csst 15 mt	600X600X225 mm
P26D32030	Dn32 Duo Csst 30 mt	700X700X250 mm
P26D32075	Dn32 Duo Csst 75 mt	690X550mm Reel
P26D32200	Dn32 Duo Csst 200 mt	850X900mm Reel
P26D40015	Dn40 Duo Csst 15 mt	700X700X250 mm
P26D40030	Dn40 Duo Csst 30 mt	800X800X300 mm
P26D40075	Dn40 Duo Csst 75 mt	690X600 mm Reel
P26D50015	Dn50 Duo Csst 15 mt	700X700X250 mm
P26D50030	Dn50 Duo Csst 30 mt	690X600 mm Reel
P26D50075	Dn50 Duo Csst 75 mt	690X600 mm Reel

PAKTERMO INSTALLER KIT WITH TWO MALE FITTINGS

Code	Description
P26SETCI505	Dn15 5 m + 2 x Dn15 xl/2"
P26SETCI510	Dn15 10 m + 2 x Dn15 xl/2"
P26SETCI515	Dn15 15 m + 2 x Dn15 xl/2"
P26SETCI525	Dn15 25 m + 2 x Dn15 xl/2"
P26SETC2005	Dn20 5 m + 2 x Dn20 x3/4"
P26SETC2010	Dn20 10 m + 2 x Dn20 x3/4"
P26SETC2015	Dn20 15 m + 2 x Dn20 x3/4"
P26SETC2025	Dn20 25 m + 2 x Dn20 x3/4"
P26SETC2505	Dn25 5 m + 2 x Dn25 xl"
P26SETC2510	Dn25 10 m + 2 x Dn25 xl"
P26SETC2515	Dn25 15 m + 2 x Dn25 xl"
P26SETC2525	Dn25 25 m + 2 x Dn25 xl"
P26SETC3205	Dn32 5 m + 2 x Dn25 xl.1/4"
P26SETC3210	Dn32 10 m + 2 x Dn25 xl.1/4"
P26SETC3215	Dn32 15 m + 2 x Dn25 xl.1/4"
P26SETC3225	Dn32 25 m + 2 x Dn25 xl.1/4"



PAKTERMO DUO INSTALLER KIT WITH TWO MALE FITTINGS

Code	Description
P26SETDI505	Dn15 Duo 5 m + 2 x Dn15 xl/2"
P26SETDI510	Dn15 Duo 10 m + 2 x Dn15 xl/2"
P26SETDI515	Dn15 Duo 15 m + 2 x Dn15 xl/2"
P26SETDI525	Dn15 Duo 25 m + 2 x Dn15 xl/2"
P26SETD2005	Dn20 Duo 5 m + 2 x Dn20 x3/4"
P26SETD2010	Dn20 Duo 10 m + 2 x Dn20 x3/4"
P26SETD2015	Dn20 Duo 15 m + 2 x Dn20 x3/4"
P26SETD2025	Dn20 Duo 25 m + 2 x Dn20 x3/4"
P26SETD2505	Dn25 Duo 5 m + 2 x Dn25 xl"
P26SETD2510	Dn25 Duo 10 m + 2 x Dn25 xl"
P26SETD2515	Dn25 Duo 15 m + 2 x Dn25 xl"
P26SETD2525	Dn25 Duo 25 m + 2 x Dn25 xl"
P26SETD3205	Dn32 Duo 5 m + 2 x Dn25 xl.1/4"
P26SETD3210	Dn32 Duo 10 m + 2 x Dn25 xl.1/4"
P26SETD3215	Dn32 Duo 15 m + 2 x Dn25 xl.1/4"
P26SETD3225	Dn32 Duo 25 m + 2 x Dn25 xl.1/4"

PAKTERMO PRODUCT LIST

Male



CODE	DIMENSION
P26F101	Dn15x1/2"
P26F102	Dn20x3/4"
P26F103	Dn25x3/4"
P26F104	Dn25x1"
P26F105	Dn32x1.1/4"
P26F120	Dn40x1.1/4"
P26F121	Dn40x1.1/2"
P26F124	Dn50x2"

Female



CODE	DIMENSION
P2680FM01	Dn15 x 1/2"
P2680FM02	Dn20x3/4"
P2680FM03	Dn25x3/4"
P2680FM04	Dn25x1"
P2680FM05	Dn32x1.1/4"
P2680FM06	Dn32x1"
P2680FM07	Dn20x1/2"
P2680FM08	Dn25x1/2"
P2680FM09	Dn32x3/4"
P2680FM10	Dn20x1"

Tees



CODE	DIMENSION
P2680F307	Dn15 Equal Tee
P2680F302	Dn20 Equal Tee
P2680F304	Dn25 Equal Tee
P2680F316	Dn32 Equal Tee
P2680F308	Dn20xDn15xDn15
P2680F301	Dn20xDn15xDn20
P2680F303	Dn20xDn15xDn25
P2680F321	Dn25xDn15xDn15
P2680F306	Dn25xDn20xDn25
P2680F314	Dn25xDn25xDn20
P2680F313	Dn20xDn25xDn20
P2680F312	Dn25xDn25xDn20
P2680F310	Dn25xDn20xDn15
P2680F306	Dn25xDn20xDn25
P2680F319	Dn32xDn25xDn20
P2680F305	Dn32xDn25xDn25
P2680F322	Dn32xDn20xDn20

Female Connection – Swivel Nut



CODE	DIMENSION
P26F9	Dn15x1/2"
P26F10	Dn20x1/2"
P26F11	Dn20x3/4"
P26F12	Dn25x3/4"
P26F13	Dn25x1"
P26F14	Dn32x1"
P26F15	Dn32x1.1/4"
P26F40	Dn40x1.1/2"
P26F41	Dn40x2"

Copper Compression Fittings



CODE	DIMENSION
P2680FC101	Dn15 x 15mm
P2680FC102	Dn20 x 15mm
P2680FC103	Dn20 x 22mm
P2680FC104	Dn25 x 22mm
P2680FC105	Dn25 x 28mm
P2680FC106	Dn32 x 28mm
P2680FC107	Dn32 x 35mm
P2680FC108	Dn32 x 22mm

CSST Hose Cutter



CODE	DIMENSION
15HKA	DN15–DN50

Coupling



CODE	DIMENSION
P26F201	Dn15xDn15
P26F202	Dn20xDn20
P26F203	Dn25xDn25
P26F204	Dn32xDn32
P26F205	Dn40xDn40
P26F206	Dn50xDn50

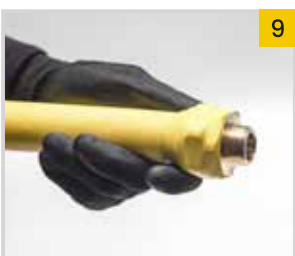
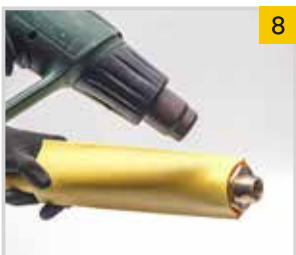
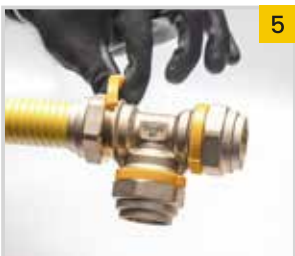
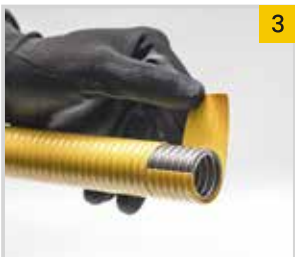
Reducing Coupling



CODE	DIMENSION
P26F291	Dn20xDn15
P26F208	Dn25xDn20
P26F209	Dn32xDn25
P26F211	Dn40xDn32



INSTALLATION INSTRUCTIONS OF PAKTERMO & PAKTERMO DUO



1- Cut tubing at required length with a tubing cutter between two corrugations. Tighten roller pressure slightly after each revolution. If the end of the tube is not smooth and there are burrs please cut tubing again.

2- Cut yellow cover at 6th Corrugation for on 15, DN20, DN25 and DN32, 5th Corrugation for DN40 and DN50 from the tubing end with a utility knife. Please pay attention to the number of corrugations.

3- Please carefully peel off the yellow cover.

4- Insert the tube into the fittings firmly until not seeing metal part of the tube.

5- Remove yellow ring between nut and fittings.

6- Firstly tighten the nut by hand when the tube is inserted into the fittings. Later tighten the nut with a wrench. When tightening the nut tubing should be kept fixed. The nuts are tightened until in abutment but not exceeding the torque values in the table.

7- Cut the heat shrink tube to the length of cover the fittings and pipe connection area. After the assembly of end connection, put the heat shrink tube.

8- Then use hot air gun to shrink the tube over the pipe and fittings.

9- Cut and clean the heat shrink parts that come towards the theet of fittings with the utility knife.

Tube Diamenter	EN15266 CSST Assembly Torque Values (N m)	
DN.	MIN.	MAX.
15	65	95
20	90	130
25	105	150
32	125	170
40	180	230
50	320	370

THE INSTALLATION INSTRUCTION OF PAKTERMO DUO



D1. Cut tubing at required length with a tubing cutter between two corrugations. Tighten roller pressure slightly after each revolution. If the end of the tube is not smooth and there are burrs please cut tubing again.



D2. Position the hose peeler onto the tube, making sure it's around 80 mm away from the cut end. Rotate it at least three times to slice through the outer layer while leaving the inner covering unharmed.



D3. Remove the cutter part outer sleeve by twisting and pulling it off the pipe from the cut end while firmly holding the other end with your other hand.



D4. Cut inner cover at **6th** Corrugation for **DN 15, DN20, DN25** and **DN32**, **5th** Corrugation for **DN40** and **DN50** from the tubing end with a utility knife or with a hose peeler. Please pay attention to the number of corrugation.



D5. Insert the tube into the fittings firmly until not seeing metal part of the tube.

Note: After D5 step please follow assembly steps CSST installation from number 5 to 9. (Page: Left)



Organize Sanayi Bölgesi Eflatun Cad. No: 8
BURSA / TURKEY

T: +90 224 241 78 20

www.paktermo.com
paktermo@paktermo.com
