



ADVANTAGES OF ONEPLUS'S PE-XA PRODUCTION BASE

- With nearly 20 years of experience in PE-Xa production, it boasts the largest scale and strength in Asia. Equipped with over 100 imported lines of equipment and a daily output of 300,000 meters, it has consistently led the industry in production and sales for many years.
- Hongyue PE-Xa pipes boast a uniform and consistent crosslinking rate, strictly controlled between 80-85%, and a compressive strength over 1.2 times that of similar products.
- Hongyue PE-Xa pipes have passed the Level 5 chlorine resistance test and NSF/ANSI 61 drinking water safety certification, ensuring long-term pipe performance.
- Production is subject to 24/7 Level 3 inspection, with product sampling and quality traceability. 5. Products are certified by authoritative organizations including NSF, UPC, ICC-ES, CSA, BV, CE, AENOR, and WaterMark.

ADVANTAGES OF ONEPLUS PE-XA PIPE

- Resistant to harmful chemicals, meeting CL5 chlorine resistance standards.
- Flexible material, available in long reels, requiring fewer fittings than rigid pipe.
- Smooth interior, effectively reducing pressure loss.
- Kinks can be repaired with a heat gun. 5. Lightweight, easy to transport and install.
- More resistant to electrolytic and chemical corrosion than other plastic pipes.
- Rust-resistant, anti-scaling, and aging-resistant.
- Temperature-resistant from -180 °F (-40°C) to 203 °F (95°C). are intended for use in 100 psi (690 kPa) cold- and hot-water distribution systems operating at temperatures up to and including 180 °F (82 °C).
- Under Standard installation, service life up to 50 years.



ONE PLUS'S PE-XA QUICK AND EASY WATER SUPPLY SYSTEM ADVANTAGES (SELLING POINTS)

- PE-Xa pipes are thermoset and contain no recycled materials, ensuring purity and stability.
- The system is environmentally friendly, hygienic, safe, and non-toxic.
- Flexible system layout with low resistance, allowing for easy hot and cold water circulation.
- Parallel connection with a single pipe at both ends reduces joints by 70% and the risk of leaks by 70%.
- Excellent low-temperature resistance. When installed according to specifications, the system can withstand severe winter temperatures and snow.

- Improved transient high-temperature resistance and superior high-temperature pressure resistance;
- Mechanical connection maintains the diameter, reduces resistance, and increases flow;
- Quick-connect method facilitates installation and reduces labor costs;
- High wear resistance, high elasticity, and higher impact strength;
- Excellent thermal memory properties, making pipe wrinkles easy to repair;
- Safe and reliable system connection.

TYPE	PEX Pipe
Roughness	0.0007 mm
Density	0.926~0.959 g/cm3
Modulus of elasticity	600~800 MPa
Thermal conductivity	0.40~0.42 w/mK
Coefficient of thermal expansion	0.20 mm/mK

ITEM # SUBMITTED _____ ENGINEER _____

JOB NAME _____ CONTRACTOR _____

JOB NAME _____ PO# _____ TAG _____

DIMENSIONS OF PEXA PIPE & F1960 FITTINGS

PEX PIPE COIL SIZE		
Od	Length Ft	Coil Size
3/8"	100	1.5' *1.2' *0.3'
	300	1.8' *1.2' *0.5'
	500	1.8' *1.2' *1.0'
	1000	2.5' *1.3' *0.6'
1/2"	100	1.8' *1.2' *0.3'
	300	2.5' *1.3' *0.3'
	500	2.5' *1.4' *0.5'
	1000	2.5' *1.4' *1.0'
5/8"	100	1.8' *1.2' *0.5'
	300	2.5' *1.3' *0.5'
	500	2.5' *1.3' *0.4'
	1000	3.0' *1.3' *1.0'

PEX PIPE COIL SIZE		
Od	Length Ft	Coil Size
3/4"	100	1.8' *1.3' *0.5'
	300	2.5' *1.3' *0.5'
	500	2.5' *1.3' *0.8'
	1000	3.0' *1.3' *1.2'
	100	1.8' *1.3' *1.0'
1"	300	3.0' *1.3' *0.7'
	500	3.0' *1.4' *1.0'
	1000	3.5' *1.5' *1.3'

Coupling



Size
1/2"x1/2"
3/4"x3/4"
1"x1"
1 1/4"x1 1/4"
1 1/2"x1 1/2"
2"x2"

90°Elbow



Size
1/2"x1/2"
3/4"x3/4"
1"x1"
1 1/4"x1 1/4"
1 1/2"x1 1/2"
2"x2"

Tee



Size
1/2"x1/2"x1/2"
3/4"x3/4"x3/4"
1"x1"x1"
1 1/4"x1 1/4"x1 1/4"
1 1/2"x1 1/2"x1 1/2"
2"x2"x2"

Reducer Coupling



Size
3/4"x1/2"
3/4"x5/8"
1"x1/2"
1"x3/4"
1-1/4"x3/4"
1-1/4"x1"
1-1/2"x1-1/4"
2"x1-1/2"

Reducer Tee



Size
1/2"x3/8"x1/2"
1/2"x1/2"x3/8"
1/2"x1/2"x5/8"
1/2"x1/2"x3/4"
3/4"x1/2"x3/8"
3/4"x1/2"x1/2"
3/4"x1/2"x5/8"
3/4"x1/2"x3/4"
3/4"x5/8"x3/4"
3/4"x3/4"x3/8"
3/4"x3/4"x1/2"
3/4"x3/4"x5/8"
1"x1/2"x1"
1"x5/8"x1"
1"x3/4"x1/2"
1"x3/4"x5/8"
1"x3/4"x3/4"
1"x3/4"x1"
1"x1"x1/2"

Reducer Tee



Size
1/2"x3/8"x1/2"
1/2"x1/2"x3/8"
1/2"x1/2"x5/8"
1/2"x1/2"x3/4"
3/4"x1/2"x3/8"
3/4"x1/2"x1/2"
3/4"x1/2"x5/8"
3/4"x1/2"x3/4"
3/4"x5/8"x3/4"
3/4"x3/4"x3/8"
3/4"x3/4"x1/2"
3/4"x3/4"x5/8"
1"x1/2"x1"
1"x5/8"x1"
1"x3/4"x1/2"
1"x3/4"x5/8"
1"x3/4"x3/4"
1"x3/4"x1"
1"x1"x1/2"

Plug



Size
1/2"
3/4"
1"
1-1/4"
1-1/2"
2"

Multiport Tees



Size
3/41" Barb x 1/2" Barb Close end multiport Opposing Tee 3 TRUNK
3/41" Barb x 1/2" Barb Close end multiport Opposing Tee 4 TRUNK
3/1" Barb x 1/2" Barb Close end multiport Tee 2 TRUNK
3/1" Barb x 1/2" Barb Close end multiport Opposing Tee 8 TRUNK
3/1" Barb x 1/2" Barb Close end multiport Tee 4 TRUNK
3/1" Barb x 1/2" Barb Close end multiport Tee 6 TRUNK
1" Barb x 1/2" Barb Close end multiport Tee 6 TRUNK
11" Barb x 1/2" Barb Close end multiport Tee 3 TRUNK
11" Barb x 1/2" Barb Close end multiport Tee 6 TRUNK
11" Barb x 1/2" Barb Close end multiport Tee 4 TRUNK
3/4"1" Barb x 1/2" Barb Close end multiport Tee 4 TRUNK

Cold Expansion Rings



Size
3/8"
1/2"
5/8"
3/4"
1"
1-1/4"
1-1/2"
2"

Multiport Tees



Size
/1" Barb x 1/2" Barb Opposing multiport Tee 6 TRUNK
1" Barb x 1/2" Barb Opposing multiport Tee 3 TRUNK
3/4" Barb x 1/2" Barb multiport Tee 2 TRUNK
3/4" Barb x 1/2" Barb multiport Tee 2 TRUNK
3/4" Barb x 1/2" Barb multiport Tee 4 TRUNK
3/4" Barb x 1/2" Barb multiport Tee 6 TRUNK
1" Barb x 1/2" Barb multiport Tee 3 TRUNK
1" Barb x 1/2" Barb multiport Tee 3 TRUNK
1" Barb x 1/2" Barb multiport Tee 4 TRUNK
1" Barb x 1/2" Barb multiport Tee 4 TRUNK
1" Barb x 1/2" Barb multiport Tee 6 TRUNK
1" Barb x 1/2" Barb multiport Tee 6 TRUNK
3/4" Barb x 3/4" *1/2" Barb multiport Tee 4 TRUNK