

NIBCO® PERTpro™

PE-RT TUBING

FLEXIBLE PIPING SYSTEM

APPLICATIONS

- Specifically designed for use in potable and hydronic systems

MATERIALS & CONSTRUCTION

- PE-RT is made from high density polyethylene (HDPE) and is designed for raised temperature applications by DOW®. PE-RT has been used extensively in Europe for decades.
- Dimensions of the tubing are the same as PEX enabling the use of the same fittings, tools, and joining devices like crimp rings and sleeves.

DESIGN CRITERIA

- Certified to NSF/ANSI 61
- Listed to ASTM standards F2769, F2623, F1807, and F2159
- Pressures / Temperature:
 - 80 psi at 200°F
 - 100 psi at 180°F
 - 160 psi at 73°F
 - 80 psi at 140°F (chlorinated water)
- Size range: 1/4" to 1-1/4"

Find your fit with NIBCO® PERTpro™. A unique combination of flexibility, economy, lack of coil set, tight dimensional tolerance, and on-time delivery makes NIBCO® PERTpro™ flexible tubing the plumbing professional's first choice for potable water distribution and radiant heating.



NIBCO® PERTpro™ is the next evolutionary step in flexible tubing and gives you everything you expect from PEX, but so much more.

- Stronger at hydrostatic pressures than PEX
- Environmentally friendly: 100% recyclable, lower carbon footprint, saves energy
- Economical and used seamlessly with your existing tools, fittings, and valves

With NIBCO PERTpro you are not just buying a name, you're buying a reputation that stands for value, industry knowledge, 113 years of experience, availability, and best-in-class service.

*Dow® is a registered trademark of the Dow Chemical Company

AHEAD OF THE FLOW®

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NIBCO® PERT^{pro}

PE-RT TUBE - POTABLE WATER

RED

PT60

PE-RT RED STICKS

Figure No.	Material No.	Size	Weight/ Foot	Weight/ Stick	Feet/ Bundle	Pieces/ Bundle
PT60	PT60014P	1/2 x 20	0.0540	1.08	1,000	50
PT60	PT60021P	3/4 x 20	0.1025	2.05	500	25
PT60	PT60027P	1 x 20	0.1670	3.34	300	15

PT60



PE-RT RED COIL

Figure No.	Material No.	Size	Weight/ Foot	Weight/ Coil	Feet/ Pallet	Coils/ Pallet
PT60	PT40014P	1/2 x 100	0.0540	5.40	2,000	20
PT60	PT40018P	1/2 x 250	0.0540	13.50	2,500	10
PT60	PT40020P	1/2 x 500	0.0540	27.00	4,000	8
PT60	PT40030P	3/4 x 100	0.1025	10.25	1,300	13
PT60	PT40034P	3/4 x 250	0.1025	25.63	2,250	9

WHITE

PT80

PE-RT WHITE STICKS

Figure No.	Material No.	Size	Weight/ Foot	Weight/ Stick	Feet/ Bundle	Pieces/ Bundle
PT80	PT60214P	1/2 x 20	0.0540	1.08	1,000	50
PT80	PT60221P	3/4 x 20	0.1025	2.05	500	25
PT80	PT60227P	1 x 20	0.1670	3.34	300	15
PT80	PT60231P	1-1/4 x 20	0.2530	5.06	200	10

All sticks sold in 5 bundle minimum quantity. Sizes and colors can be mixed to make up the 5 bundle minimum.

PT80



PE-RT WHITE COIL

Figure No.	Material No.	Size	Weight/ Foot	Weight/ Coil	Feet/ Pallet	Coils/ Pallet
PT80	PT40201P	1/4 x 100	0.0300	3.00	4,000	40
PT80	PT40205P	3/8 x 100	0.0410	4.10	3,500	35
PT80	PT40214P	1/2 x 100	0.0540	5.40	2,000	20
PT80	PT40220P	1/2 x 500	0.0540	27.00	4,000	8
PT80	PT40230P	3/4 x 100	0.1025	10.25	1,300	13
PT80	PT40234P	3/4 x 250	0.1025	25.63	2,250	9
PT80	PT40238P	3/4 x 500	0.1025	51.25	2,500	4
PT80	PT40242P	1 x 100	0.1670	16.70	800	8
PT80	PT40246P	1 x 250	0.1670	41.75	1,000	4
PT80	PT40251P	1 x 500	0.1670	83.50	1,000	2
PT80	PT40254P	1-1/4 x 100	0.2530	25.30	800	8

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PE-RT TUBE - POTABLE WATER

BLUE

PT70

PE-RT BLUE STICKS

Figure No.	Material No.	Size	Weight/ Foot	Weight/ Stick	Feet/ Bundle	Pieces/ Bundle
PT70	PT60114P	1/2 x 20	0.0540	1.08	1,000	50
PT70	PT60121P	3/4 x 20	0.1025	2.05	500	25
PT70	PT60127P	1 x 20	0.1670	3.34	300	15

All sticks sold in 5 bundle minimum quantity. Sizes and colors can be mixed to make up the 5 bundle minimum.

PT70



PE-RT BLUE COIL

Figure No.	Material No.	Size	Weight/ Foot	Weight/ Coil	Feet/ Pallet	Coils/ Pallet
PT70	PT40114P	1/2 x 100	0.0540	5.40	2,000	20
PT70	PT40118P	1/2 x 250	0.0540	13.50	2,500	10
PT70	PT40120P	1/2 x 500	0.0540	27.00	4,000	8
PT70	PT40130P	3/4 x 100	0.1025	10.25	1,300	13
PT70	PT40134P	3/4 x 250	0.1025	25.63	2,250	9
PT70	PT40138P	3/4 x 500	0.1025	51.25	2,500	4
PT70	PT40142P	1 x 100	0.1670	16.70	800	8

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PE-RT TUBE - RADIANT HEAT

PK75

BARRIER-PE-RT STICKS

Figure No.	Material No.	Size	Weight/ Foot	Weight/ Stick	Feet/ Bundle	Pieces/ Bundle
PK75	PK50068	1/2 x 20	0.0535	1.07	500	25
PK75	PK50069	3/4 x 20	0.0760	1.52	200	10
PK75	PK50064	1 x 20	0.1030	2.06	100	5

All sticks sold in 5 bundle minimum quantity. Sizes and colors can be mixed to make up the 5 bundle minimum.

PK75



BARRIER-PE-RT COIL

Figure No.	Material No.	Size	Weight/ Foot	Weight/ Coil	Feet/ Pallet	Coils/ Pallet
PK75	PK50018	1/2 x 250	0.0535	13.38	2,500	20
PK75	PK50019	1/2 x 300	0.0535	16.05	3,000	10
PK75	PK50020	1/2 x 500	0.0535	26.75	4,000	8
PK75	PK50022	1/2 x 1000	0.0535	53.50	3,000	3
PK75	PK50030	3/4 x 100	0.0760	7.60	1,300	13
PK75	PK50034	3/4 x 250	0.0760	19.00	2,250	9
PK75	PK50035	3/4 x 300	0.0760	22.80	2,100	7
PK75	PK50038	3/4 x 500	0.0760	38.00	2,500	5
PK75	PK50041	3/4 x 1200	0.0760	76.00	2,400	2
PK75	PK50042	1 x 100	0.1030	10.30	800	8

VALVES



Pressure-rated bronze, iron and alloy-iron gate, globe and check valves • Pressure-rated bronze ball valves • Boiler specialty valves • Commercial and industrial butterfly valves • Lined butterfly valves • Circuit balancing valves • Carbon and stainless steel ball valves • ANSI flanged steel ball valves • Lined ball valves • Pneumatic and electric actuators and controls • Grooved ball and butterfly valves • High performance butterfly valves • UL/FM fire protection valves • MSS specification valves • Bronze specialty valves • Low pressure gate, globe, check and ball valves • Frostproof sillcocks • Quarter-turn supply stops • Quarter-turn low pressure valves • PVC and CPVC plumbing and industrial ball valves • Bronze & Iron Y-strainers • Sample valves • Sanitary valves • Lead-Free* valves • Coil-Connect® Kits

*Weighted average lead content ≤0.25%

FITTINGS

Wrot and cast copper pressure and drainage fittings • Cast copper alloy flanges • Wrot and cast press fittings • ABS and PVC DWV fittings • Schedule 40 PVC pressure fittings • CPVC CTS fittings • CPVC CTS-to-metal transition fittings • Schedule 80 PVC and CPVC systems • CPVC BlazeMaster® fire protection fittings • Lead-Free* fittings

BlazeMaster® is a registered trademark of The Lubrizol Corporation.

*Weighted average lead content ≤0.25%



FLEXIBLE PIPING SYSTEMS

PE-RT and PEX tubing for potable and radiant applications • Insulated tubing • Risers • Ice maker tubing • Silicon Performance Bronze® fittings • Poly alloy fittings • Home Run Manifold® • Radiant heat manifolds • Ball valves and supply stops • Connections, tools and accessories • Radiant heat controls and panels



INDUSTRIAL PLASTICS

Thermoplastic pipe, valves, and fittings in PVC, Corzan® CPVC, polypropylene and PVDF Kynar® • Pneumatic and electric actuation systems • BlazeMaster® CPVC fire protection fittings

BlazeMaster® and Corzan® are registered trademarks of the Lubrizol Corporation • Kynar® is a registered trademark of Arkema Inc.



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