



# ECOTECH™

**PP-R HOT AND COLD WATER PIPING SYSTEM**

Extreme Quality and Performance  
Extrem Qualität und Leistung™







## The Advantages of ECOTECH™

- Eco-friendly:** ECOTECH™ PPRC poses no negative effect on human health. The fact that it does not downgrade odor, taste, and smell of water means it does not contain carcinogens which have been confirmed by DIN and DVGW of Germany.
- High Quality:** ECOTECH™ uses the highest quality of raw materials available.
- European Designs:** ECOTECH™ PPRC adopts German-based aesthetics and function ensuring reliability and convenience.
- High Performance:** ECOTECH™ PPRC is available to use within the range of -20°C and +95°C with an operating life of 50 years at 20°C.



Dovetail groove structure

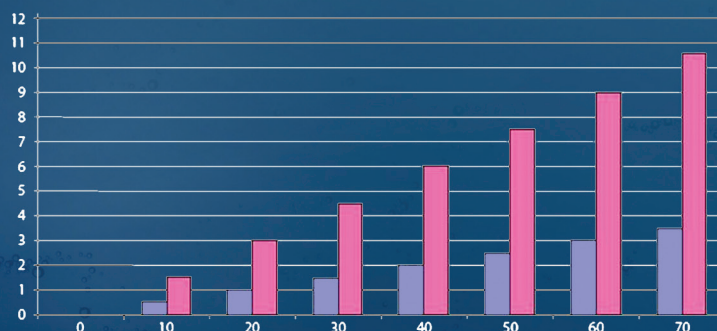


General structure

Groove structure ensures sealing performance, thus eliminating leakage

## Linear Expansion Comparison ECOTECH™ vs Normal PPR Pipes

Linear Expansion (mm/m)



Coefficient of linear thermal expansion of ECOTECH™ PIPES is 0.04mm/mK



# ECOTECH™ PRODUCT SPECIFICATIONS

Product Colors  

## PN20 PP-R HOT & COLD WATER PIPE



Size(mm)

20 x 3.4  
25 x 4.2  
32 x 5.4  
40 x 6.7  
50 x 8.3  
63 x 10.5  
75 x 12.5  
90 x 15.0  
110 x 18.3

## SOCKET



Size(mm)

20  
25  
32  
40  
50  
63  
75  
90  
110

## ELBOW 90



Size(mm)

20  
25  
32  
40  
50  
63  
75  
90  
110

## ELBOW 45



Size(mm)

20  
25  
32  
40  
50  
63  
75  
90  
110

## ELBOW REDUCER



Size(mm)

25/20  
32/20  
32/25

## TEE EQUAL



Size(mm)

20  
25  
32  
40  
50  
63  
75  
90  
110

## TEE UNEQUAL



Size(mm)

25x20x25	63x20x63	90x40x90
32x20x32	63x25x63	90x50x90
32x25x32	63x32x63	90x63x90
40x20x40	63x40x63	90x75x90
40x25x40	63x50x63	110x50x110
40x32x40	75x32x75	110x63x110
50x20x50	75x40x75	110x75x110
50x32x50	75x50x75	110x90x110
50x40x50	75x63x75	

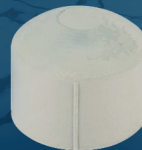
## COUPLING REDUCER



Size(mm)

25/20	50/40	75/63
32/20	63/20	90/40
32/25	63/25	90/50
40/20	63/32	90/63
40/25	63/40	90/75
40/32	63/50	110/50
50/20	75/32	110/63
50/25	75/40	110/75
50/32	75/50	110/90

## END CAP



Size(mm)

20  
25  
32  
40  
50  
63  
75  
90  
110

## FLANGE SET



Size(mm)

63  
75  
90  
110

## PP UNION



Size(mm)

20  
25  
32  
40  
50  
63

## FEMALE ADAPTOR



Size(mm)

20x½  
25x½  
25x¾  
32x1  
40x1¼  
50x1½  
63x2  
75x2½  
90x3

## MALE ADAPTOR



Size(mm)

20x½  
25x½  
25x¾  
32x1  
40x1¼  
50x1½  
63x2  
75x2½  
90x3

## ELBOW FEMALE ADAPTOR



Size(mm)

20x½  
25x½  
25x¾  
32x1

## ELBOW MALE ADAPTOR



Size(mm)

20x½  
25x¾  
32x1

## TEE FEMALE ADAPTOR



Size(mm)

20x½  
25x½  
25x¾  
32x1

## TEE MALE ADAPTOR



Size(mm)

20x½  
25x¾  
32x1

## MALE UNION PATENTE



Size(mm)

20x1½  
25x¾  
32x1  
40x1¼  
50x1½  
63x2

## FEMALE UNION PATENTE



Size(mm)

20x ½  
25x¾  
32x1  
40x1 ¼  
50x1 ½  
63x2

## HEAVY-DUTY STOP VALVE



Size(mm)

20  
25  
32  
40  
50  
63

## BALL VALVE



Size(mm)

20  
25  
32

## HIGH-END LUXURIOUS STOP VALVE



Size(mm)

20  
25  
32

\*Above specifications are for reference only. For a complete listing, please contact Techglobal Incorporated.





ECOTECH **DIN** GERMANY

# THINK YOUR WATER IS SAFE?

## About Techglobal Incorporated

Formerly known as Megasystem Enterprises, **Techglobal Incorporated** was established to provide innovative world-class piping solutions that can efficiently bring clean and safe water to all Filipinos nationwide.

It served as the largest water and sanitary pipe distributor in the Philippines and is the pioneer of both PPRC and HDPE pipes with the introduction of Vesbo. Due to the quality and excellence of its products, it was awarded several awards such as Superbrand & Philippine Marketing Association Award among others.



Certified by:



Exclusively Distributed by:



Tel. Nos.: (632) 998 87 57; (632) 782 22 62  
(632) 997 09 72; (632) 635 78 89; (632) 635 78 91  
Telefax: (632) 53 38 431  
Email us at [sales@techglobal.com.ph](mailto:sales@techglobal.com.ph)  
[customercare@techglobal.com.ph](mailto:customercare@techglobal.com.ph)