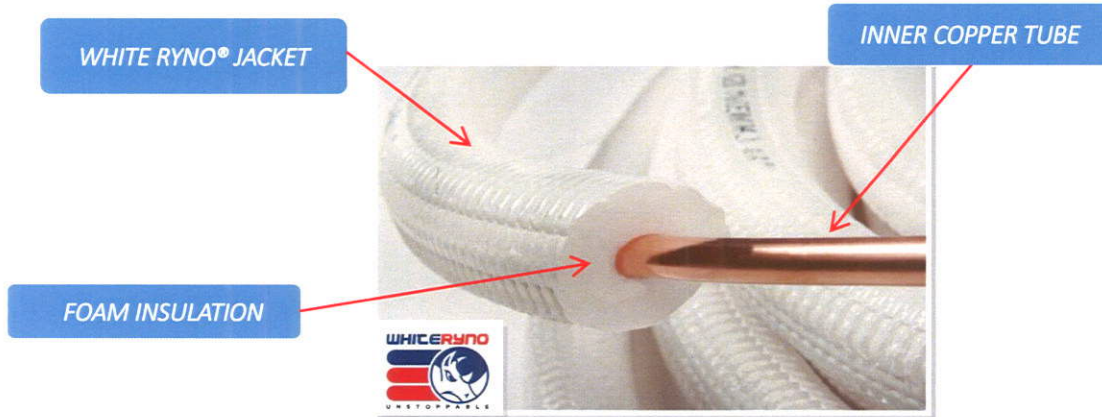




## WHITE RYNO® SINGLE PRE-INSULATED COPPER PIPE FOR HVAC

Pre-insulated copper pipe suitable for every application concerning air-conditioning such as ductless mini-split, heat-pump unit, ducted unit and VRF systems.



### COPPER PIPE

**STANDARDS:** Copper pipe complies with ASTM B280 and it is suitable for R407 and R410 gas applications.

**MATERIAL:** Copper alloy C12200 Cu-DHP (phosphorous deoxidized, high residual phosphorous) annealed pipes, in coils.

**CHEMICAL COMPOSITION:** Cu ≥ 99,90%; maximum allowable phosphorous content = 0,015% ÷ 0,040%.

**COUNTRY OF ORIGIN:** Italy

### POLYETHYLENE FOAM INSULATION with the **WHITE RYNO JACKET®**

*Polyethylene foam assures thermal insulation from surroundings.*

**POLYETHYLENE FOAM:** The insulation coating is a low density closed cells polyethylene foam, CFC and HCFC damaging-ozone gas free; product is made according to ASTM C 1427-07, type I (tubular), grade I (insulation material for use on typical commercial system non-cross-linked).

**THERMAL CONDUCTIVITY:** 0,038 W/mK at 40°C (0.263 Btu in/sq. ft. °F h at 104°F) according to ISO EN 8497 and likewise to ASTM C 335-95.

**WORKING TEMPERATURE:** Polyethylene foam is suitable for technical applications included in a range temperature from -101°C up to 93°C (-150° F up to 200° F) according ASTM C 1427-07, type I (tubular), grade I (non-cross-linked).

**MOISTURE DIFFUSION COEFFICIENT:**  $\mu = 15000$  according to EN 13469 and likewise to ASTM E 96-00.

**AVERAGE BULK DENSITY:** 30 kg/m<sup>3</sup> (1.87 lb/ft<sup>3</sup>)

**COLOR:** White

**INSULATION THICKNESS:** 1/2 in. or 3/4 in.

**R VALUE:** 3 to 6

**SURFACE BURNING CHARACTERISTICS:** UL 94 – Top Rated

**SURFACE COVERING:** **WHITE RYNO JACKET®** – THE TOUGHEST JACKET ON THE MARKET - Polyethylene skin protects foam insulation from tears and scratches, helpful during installations

**UL 723 – ASTM E84 (25/50):** Flame Spread Index less than 25 and Smoke Development Index less than 50 as tested according to UL 723.

**Markings:** Insulation is marked every foot as follows:

<<“PT LOGO” PTubes W. RYNO – R# – 25/50 – Ø1/4“x1/2“ ft.001 Made in Italy Date/Time/Shift>>

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