



ENTAsplit Ultra Duo

Product FEATURES

ENTAsplit Ultra Duo (EMBOSSED surface) is a pre-insulated DOUBLE copper tube with embossed surface, made for air conditioning systems.

Characteristics of COPPER

Manufactured in accordance with EN 12735-1 (or ASTM B280), with Cu ≥ 99.9% copper purity, deoxidized Phosphorus (0.015% ≤ P ≤ 0.040%) suitable for the transport of popular old generation HFC refrigerant gases (R407C - R410A), and new generation mildly flammable gases A2L class (R32).

Physical state Annealed R220N / mm².

High internal cleaning with residue C <20mg / dm².

PACKAGING

Each single coil is well sealed at both ends, to ensure perfect cleaning inside the tube.

The insulating sheath is marked at each meter with dimensions, normative references

and traceability codes. Each coil can be packaged individually with stretchable LDPE.

Characteristics of INSULATION

Manufactured in compliance with the EN 1413: 2009 + A1: 2013 standard, the insulation is made up of 2 layers (this insulation is also commonly known as "3 layers") :

- The OUTER layer, in closed cell cross-linked PE (polyethylene) foam, which confers important mechanical properties as well as high softness.
- The INNER layer, in closed cell PE (polyethylene) foam.

The double-layer structure guarantees great insulating power, ensures a high resistance to vapor diffusion ($\mu \geq 10.000$), a thermal conductivity of $\lambda \leq 0.040$ W/mK at 40°C, and a reaction class to fire according to the European standard EN13501-1: BL S1 d0.

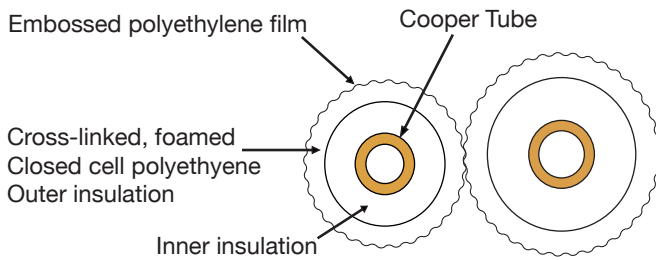
Our particular sensitivity to ecological issues is confirmed by our expansion foaming process totally „green“, that does not involve Chlorofluorocarbons (CFC's) and Hydrochlorofluorocarbons (HCFC's).

Operating temperature from -40°C to +105°C.

White LDPE anti-scratch protective film with pyramidal finish.



Product Code	Diameter, inches (mm)	Copper thickness (mm)	Insulation thickness (mm)	Coil length (meters)	Working pressure (Bars)	Meters per pallet (number of coils)
10008186	1/4" - 3/8" (6,35 - 9,52)	0,7 - 0,7	10 - 10	20	110-75	440 (21)
10008187	1/4" - 1/2" (6,35 - 12,7)	0,7 - 0,7	10 - 10	20	110-60	400 (20)
10008188	1/4" - 5/8" (6,35 - 15,88)	0,7 - 0,8	10 - 10	20	110-55	280 (11)
10008189	3/8" - 5/8" (9,52 - 15,88)	0,7 - 0,8	10 - 10	20	75-55	280 (11)
10008190	1/4" - 3/8" (6,35 - 9,52)	0,8 - 0,8	10 - 10	20	130-93	440 (21)
10008191	1/4" - 1/2" (6,35 - 12,7)	0,8 - 0,8	10 - 10	20	130-70	400 (20)
10008192	1/4" - 5/8" (6,35 - 15,88)	0,8 - 1	10 - 10	20	130-70	280 (11)
10008193	3/8" - 1/2" (9,52 - 12,7)	0,8 - 0,8	10 - 10	20	93-70	280 (11)
10008194	3/8" - 5/8" (9,52 - 15,88)	0,8 - 1	10 - 10	20	93-70	280 (11)
10008195	3/8" - 3/4" (9,52 - 19,05)	0,8 - 1	10 - 10	20	93-60	280 (9)
10008196	1/2" - 3/4" (12,7 - 15,88)	0,8 - 1	10 - 10	20	70-60	280 (7)
10008197	1/4" - 3/8" (6,35 - 9,52)	1 - 1	10 - 10	20	170-115	440 (21)
10008198	1/4" - 1/2" (6,35 - 12,7)	1 - 1	10 - 10	20	170-85	440 (20)
10008199	1/4" - 5/8" (6,35 - 15,88)	1 - 1	10 - 10	20	170-70	280 (11)
10008200	3/8" - 5/8" (9,52 - 15,88)	1 - 1	10 - 10	20	115-70	280 (11)
10008201	6 - 10	1 - 1	10 - 10	20	180-110	440 (21)
10008202	6 - 12	1 - 1	10 - 10	20	180-90	400 (20)
10008203	6 - 16	1 - 1	10 - 10	20	180-69	280 (11)
10008204	10 - 12	1 - 1	10 - 10	20	110-90	280 (11)
10008205	10 - 16	1 - 1	10 - 10	20	110-69	280 (11)
10008206	10 - 18	1 - 1	10 - 10	20	110-62	280 (9)
10008207	12 - 18	1 - 1	10 - 10	20	90-62	280 (7)

Three-layer Insulation



Technical data




Copper tube

-  Phosphorus deoxidized soft temper (R220) copper tube DHP99.9 (C12200).
-  Dimensions and features according to EN 12735-1

Insulation Properties

Extruded and closed cell white polyethylene with a white outside PE-protection layer.

Fire retardant certification:

-  EN13501-1: BL-s1,d0
-  DIN 4102-1: B1
-  NF P 92-501: M1

Heating conduction at 0°C ≤ 0,035W/mK
 Average Density: 33Kg/m³
 Working temperature from -40°C to +120°C
 Vapour resistance: μ > 5000
 White external non toxic and resistance to external chemical agents and ultra -violat rays
 RoHS Certificate approved

Copper tube outside diameter	Wall thickness (mm)	Insulation thickness (mm)	Length
1/4"-3/8"	6,35x0,80 - 9,52x0,80	8-9	The standard length of the coil is 20m. Possible coil length from 3m to 30m.
1/4"-1/2"	6,35x0,80 - 12,70x0,80	8-9	
1/4"-5/8"	6,35x0,80 - 15,88x1,00	8-9	
3/8"-5/8"	9,52x0,80 - 15,88x1,00	8-9	
3/8"-3/4"	9,52x0,80 - 19,05x1,00	8-9	
6mm-10mm	6 x1,00 - 10 x1,00	8-9	
6mm-12mm	6 x1,00 - 12 x1,00	8-9	
6mm-16mm	6 x1,00 - 16 x1,00	8-9	
10mm-16mm	10 x1,00 - 16 x1,00	8-9	
10mm-18mm	10 x1,00 - 18 x1,00	8-9	