

PRODUCT DATA SHEET

Single cool

Hyper flexible, pre-insulated piping system with a single medium pipe, primarily intended for the transport of cold potable water, cooling water, waste water or other fluids, in buried distribution networks.

The medium pipe is made from high density polyethylene HDPE-100 according to EN 12201 and can operate at pressures up to 16 bar.

The multilayer thermal insulation is made from cross-linked, microcellular polyethylene PE-X foam with a water-repellent closed cell structure, characterized by its durable, non-ageing insulation performance, and its permanent elasticity, maximizing and maintaining the thickness of the insulation layer, even after bending multiple times.

The high-grade, black coloured UV-resistant, double walled, corrugated HDPE jacket pipe shields the pre-insulated piping system against mechanical impacts and moisture, whilst maintaining maximum flexibility.



- Medium pipes: HDPE-100/SDR 11/PN 16
- Operating temperature range:
from -20°C up to 20°C (PN 16)
from 20°C up to 40°C (max. PN 11,8 at 40°C)
- PE-X insulation foam: < 1% water absorption in accordance with ISO 2896
- Full coil length, all dimensions: 100 m
- CFC-free production process

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	Jacket pipe	Medium pipe		Bending radius	Water content	Weight
Art. No.	d _{out} [mm]	d _{out} x s [mm]	d _{in} [mm]	[m] ⁽¹⁾	[L/m]	kg/m
C7525	75	25 x 2,3	20,4	0,20	0,327	0,7
C9032	90	32 x 2,9	26,2	0,25	0,539	1,0
C9040	90	40 x 3,7	32,6	0,30	0,835	1,2
C14050	140	50 x 4,6	40,8	0,40	1,307	2,2
C14063	140	63 x 5,8	51,4	0,50	2,075	2,5
C16075	160	75 x 6,8	61,4	0,75	2,961	3,4
C16090	160	90 x 8,2	73,6	1,00	4,254	3,7
C200110	200	110 x 10,0	90,0	1,20	6,362	5,7
C200125	200	125 x 11,4	102,2	1,40	8,203	6,1

⁽¹⁾ The indicated minimum bending radius can be applied permanently without affecting the system's quality or performance