



A Company of Watts Industries Europe B.V.

Microflex Duo C

Description

Microflex Duo C, pre-insulated PE-Xa, double carrier pipe, PN6 - SDR11

Flexible, pre-insulated, self-compensating piping system, composed of an impact resistant, corrugated HDPE twin wall outer jacket in a dark blue color, made according to the "closed chamber" principle and equipped with two carrier pipes made of PE-Xa, according to EN ISO 15875, with a yellow oxygen diffusion barrier according to DIN 4726. Especially used for the transport of heating water, but also for potable water, wastewater and other fluids.

These carrier pipe is surrounded by a multilayer thermal insulation made of cross-linked PE foam with a closed cell structure, CFC free, with a lambda-value of 0,040 W/mK at 40°C. The pipes can be distinguished from each other by a difference in print (one mark or two marks). The insulated PE-foam centerpiece guarantees an effective separation of flow and return pipe.

Minimal water absorption capacity < 1% according with ISO 2896.

Used for duct-free underground installation or installation inside of buildings, for the transport of liquids.

Corrosion and decomposition free.

Technical specifications

Pipe	Ø outside casing <i>mm</i>	# pipes	Ø _{out} <i>mm</i>	Wall thickness <i>mm</i>	Ø _{in} <i>mm</i>	Bending radius <i>m</i>	Weight <i>kg/m</i>
MD16025C	160	2	25	2.3	20	0.50	2.07
MD16032C	160	2	32	2.9	25	0.50	2.31
MD16040C	160	2	40	3.7	32	0.60	2.57
MD20050C	200	2	50	4.6	40	0.80	3.93
MD20063C	200	2	63	5.8	50	1.20	4.70

Max. operating pressure: 6 bar

Max. operating temperature: 95°C

Standard full coil length: 100 m

Manufacturer

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