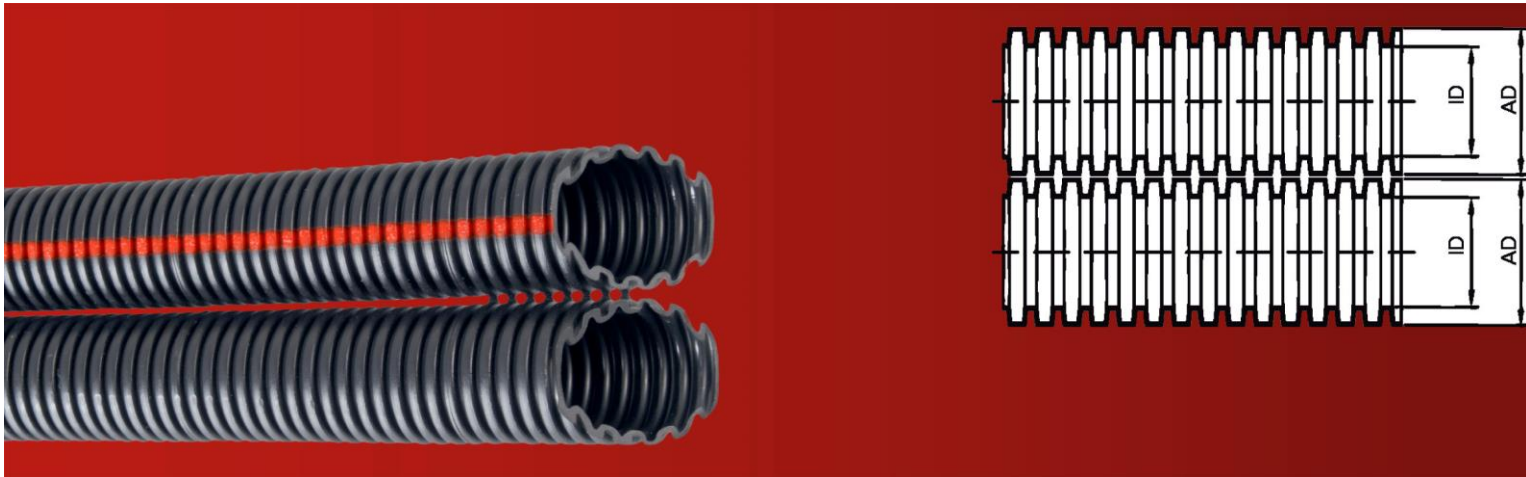




# TwinPipe – the double wall tube



### Application

Flexible double wall tube, with one parallel extruded red stripe. It can be used for protecting plumbing and heating pipes made out of plastic. It is especially used for parallel installed conductions.

### Material

The used materials are Polyolefines. Because of their chemical composition they are free of halogens and other toxic substances.

### Chemical resistance

Polyolefines are resistant against nearly every medium (alcohol, fat, mineral oil). Only concentrated and strong oxidizing acids can affect them.

### Standards/Classification:

Pipes with the dim. 20

KIWA 5123 – BRL 536

KOMO K11408 – BRL 5606

### Physical properties

#### Raw material

		PE
Elastic modulus [MPa]	DIN ISO 527-1/-2	>1.350
Impact strength [kJ/m <sup>2</sup> ]	DIN ISO 179-1eU	NB
Tensile strength [MPa]	DIN ISO 527-1/-2	>25
Elongation at break [%]	DIN ISO 527-1/-2	>250
Volume resistivity [Ω cm]	DIN IEC 60093	<10 <sup>12</sup>
Surface resistivity [Ω]	DIN IEC 60093	<10 <sup>12</sup>

#### Tube

working temperature (permanent) [°C]	-15 to +70
working temperature (short time) [°C]	120
release force of both tubes (N)	>200

Nominal width [mm]	Outer Ø [mm]	Inner Ø [mm]	Bending radius [mm]
16	21,0	16,3	>40
20	24,9	20,4	>50

Subject to modifications and amendments! / April 2020