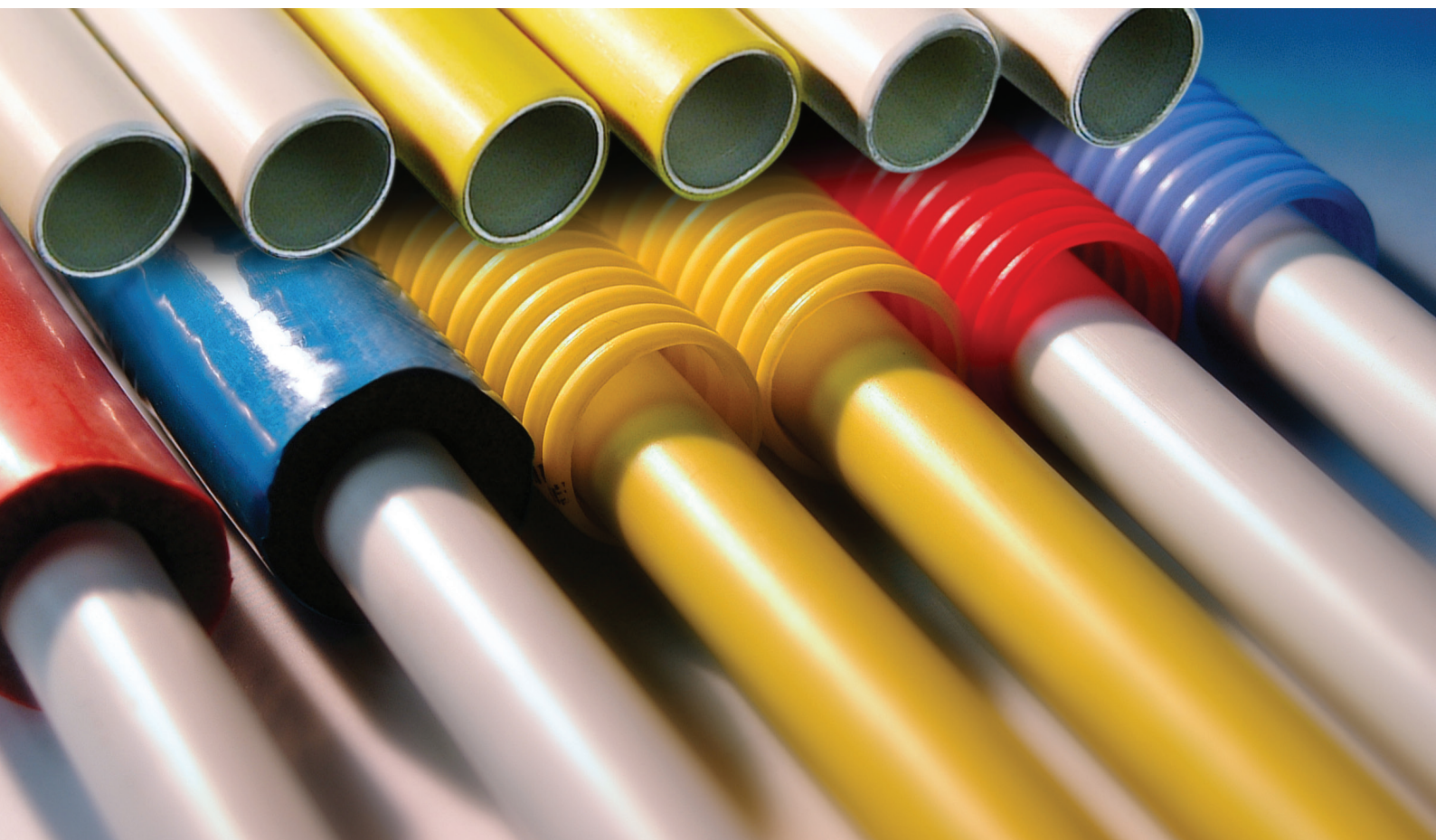


HENCO MULTILAYER PIPE

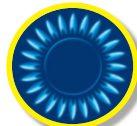
EN



HEATING



SANITARY



GAS



UNDERFLOOR HEATING



HENCO Multilayer Pipe PE-Xc/Aluminium/PE-Xc

HENCO with all the advantages of plastic and metal

- ▶ Butt welded aluminium pipe
- ▶ 100% oxygen-tight and water vapour diffusion tight
- ▶ Low coefficient of linear expansion, similar to metal pipe
- ▶ Entirely corrosion-resistant, also resistant against chemicals and electrochemicals
- ▶ Sound-insulation similar to entirely plastic pipe
- ▶ Electron beam crosslinked inner and outer pipe
- ▶ High resistance to pressure and temperature
- ▶ Smooth surface, less loss of pressure
- ▶ Light as plastic piping
- ▶ Flexible, easy to bend even at low temperatures, retains shape after bending



Heating and cooling



Drinking water



Rainwater



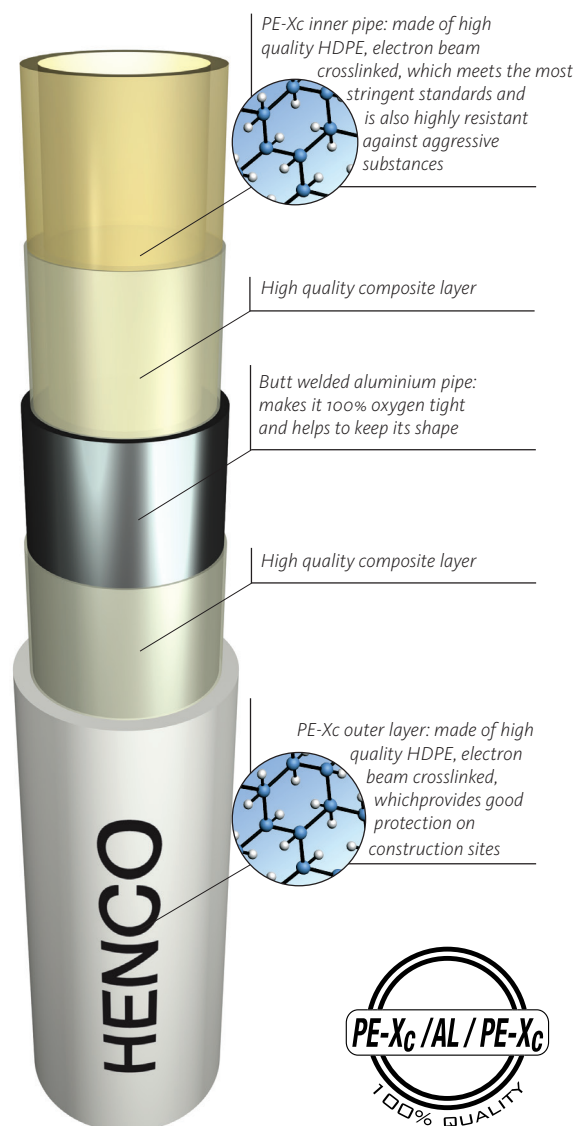
Gas



Compressed air



Fuel oil



Technical Profile Henco Multilayer Pipe

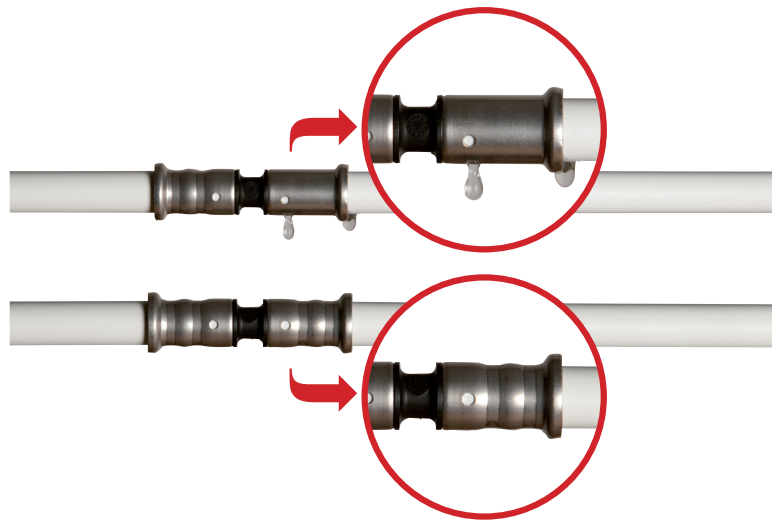
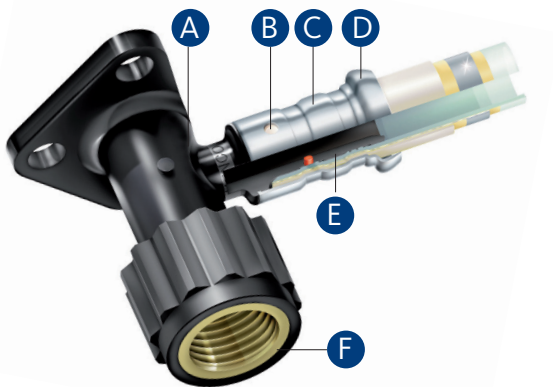
Diameter (mm)	12	14	16	16	18	18	20	20	26	26	32	40	50	63	75	90
				RiXc		RiXc		RiXc		RiXc						
Inner diameter (mm)	8,8	10	12	12	14	14	16	16	20	20	26	33	42	54	63	76
Wall thickness (mm)	1,6	2	2	2	2	2	2	2	3	3	3	3,5	4,0	4,5	6	7
Max. working temperature (°C)	60	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
Max. working pressure (bar)	6	10	16	10	10	10	16	10	16	10	16	10	10	10	10	10
Thermal conduction (W/mK)	0,43	0,43	0,43	0,43	0,43	0,43	0,43	0,43	0,43	0,43	0,43	0,43	0,43	0,43	0,43	0,43
Linear expansion (mm/mK)	0,025	0,025	0,025	0,025	0,025	0,025	0,025	0,025	0,025	0,025	0,025	0,025	0,025	0,025	0,025	0,025
Minimum tensile strength of adhesive layer (N/10mm)	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Surface roughness of inner pipe (μ)	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Oxygen diffusion (mg/l)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min. bending radius, manual/external spiral spring (mm)	5XDu	5XDu	5XDu	5XDu	5XDu	5XDu	5XDu	5XDu	5XDu	5XDu	*	*	*	*	*	*
Min. bending radius, manual/internal spiral spring (mm)	3XDu	3XDu	3XDu	3XDu	3XDu	3XDu	3XDu	3XDu	3XDu	3XDu	*	*	*	*	*	*
Degree of crosslinking (%)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Weight (kg/m)	0,084	0,108	0,125	0,101	0,132	0,118	0,147	0,129	0,261	0,252	0,39	0,528	0,766	1,155	1,516	2,155
Volume (l/m)	0,061	0,079	0,113	0,113	0,154	0,154	0,201	0,201	0,314	0,314	0,531	0,855	1,385	2,29	3,117	4,536

* only use elbows

Multilayer pipe and PVDF fittings: a corrosion free system

Henco press fittings in PVDF¹ (Ø14-63)

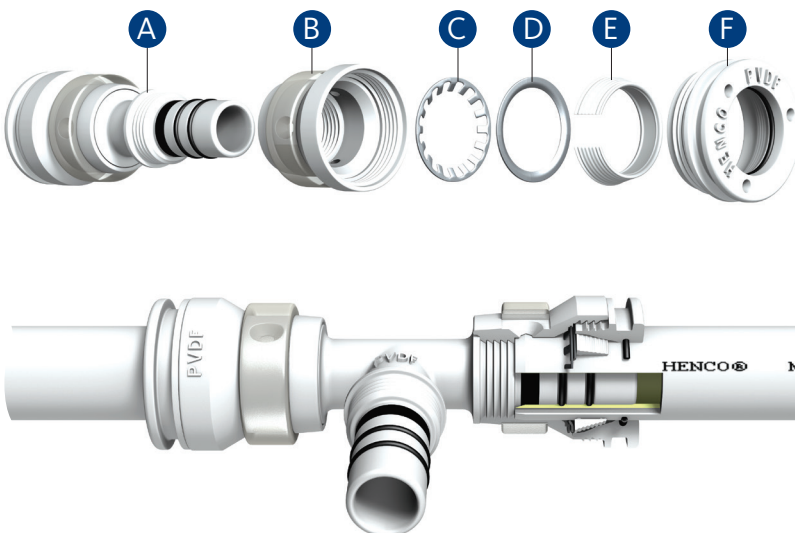
Leak before press!²



- A PVDF body
- B Viewing window to check the pipe is fully inserted
- C Stainless steel shoulder to locate into the jaws of the press tool
- D Pressure sleeve of stainless steel
- E EPDM O-ring
- F Dezincification resistant brass



Henco Vision push fittings in PVDF¹ (Ø16-20-26)



- A PVDF body with EPDM O-rings
- B PVDF sleeve with Vision window
- C Stainless steel grab ring
- D Stainless steel support ring
- E PVDF tapered split ring
- F PVDF end cap with EPDM O-ring and demounting slots

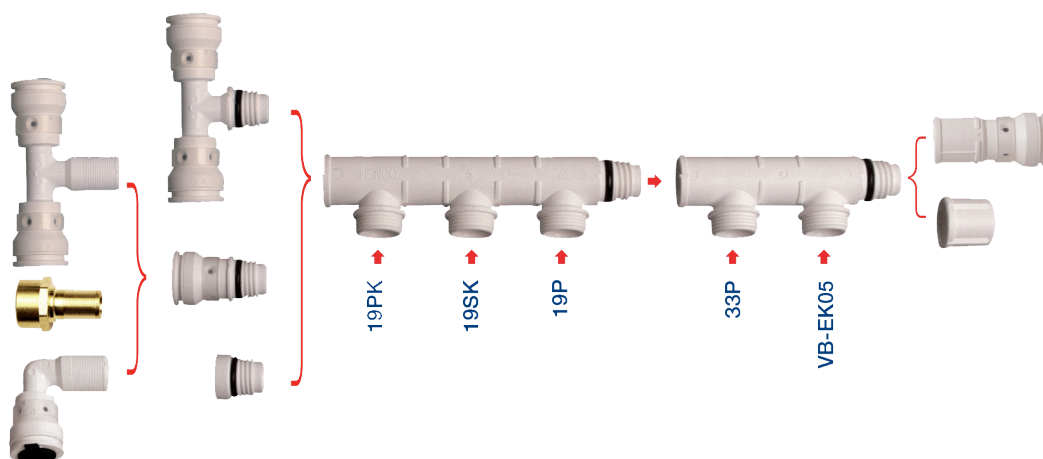
Quickly demountable



¹ High quality synthetic material (Polyvinylidene fluoride)

² Ø 14-26

Henco Vision manifolds in PVDF: a fully modular system



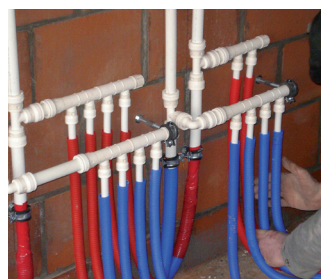
Practice



Henco Press



Henco Vision



Henco Vision manifolds



Henco Underfloor heating



Henco tube multicouche



Henco tube multicouche
avec gaine



Henco tube multicouche
préisolé



Henco tube multicouche
avec gaine pour gaz



Henco Combi

Certificats all over the world confirm the HENCO top quality



HENCO 10 YEAR SYSTEM GUARANTEE