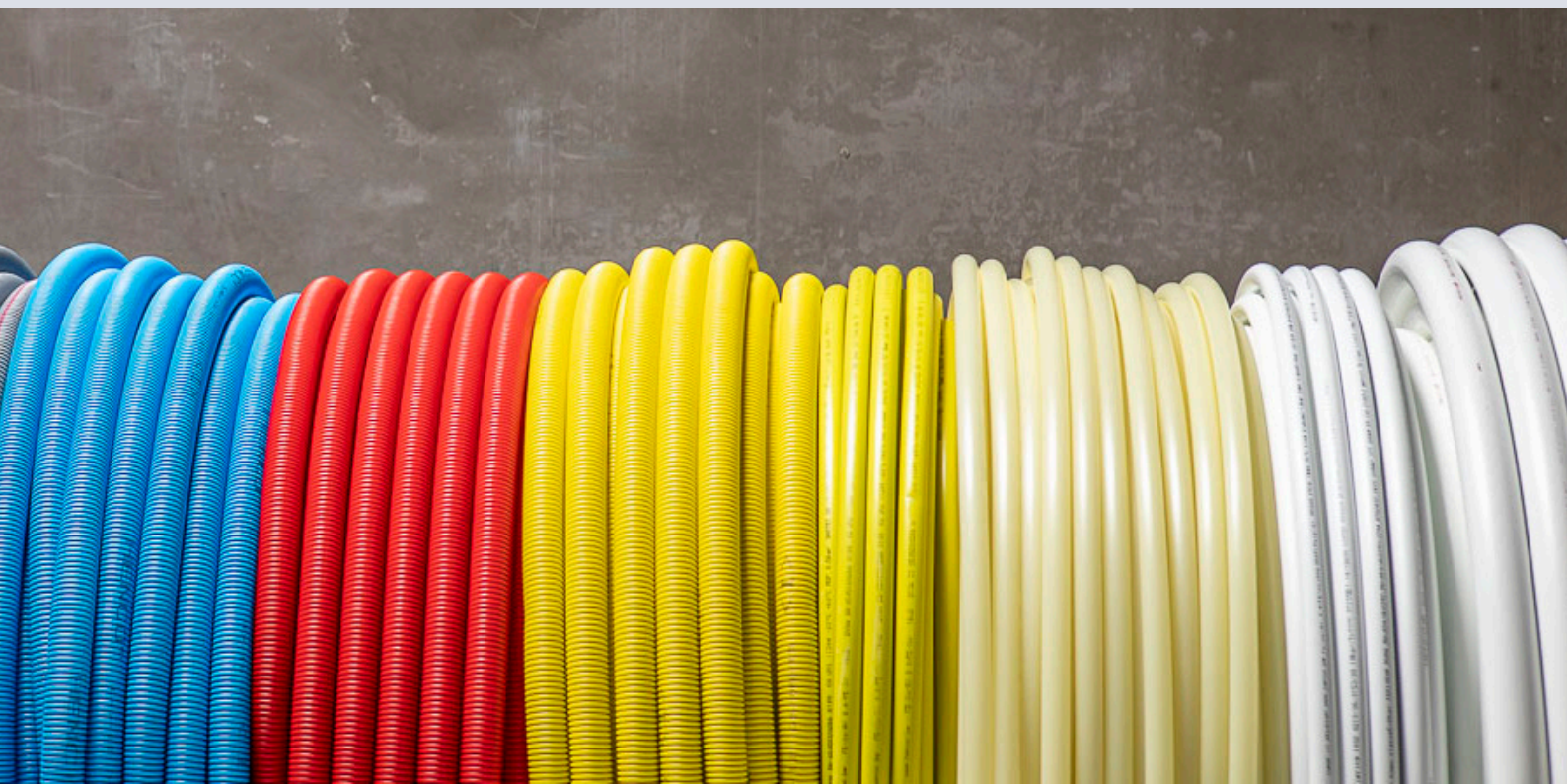




EN

HENCO MULTILAYER PIPE



WE CARE TO CONNECT

Henco Industries NV
Belgium

Toekomstlaan 27
2200 Herentals

+32 14 28 56 60
info@henco.be



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



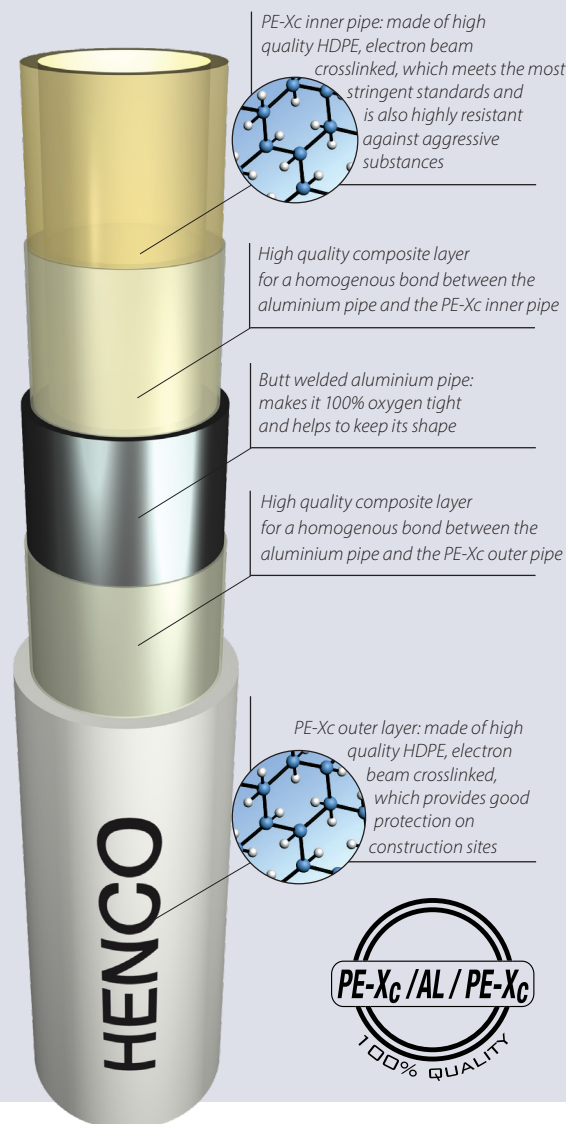
Gas



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	5XDu	*	*	*	*	*
Min. bending radius, manual/internal spiral spring (mm)	3XDu	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	0,125	0,147	0,129	0,285	0,261	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
Application class (EN ISO21003-1)	4	2-4-5	2-4-5	2-4-5	2-4-5	2-4-5	2-4-5	2-4-5	2-4-5	2-4-5	2-4-5	2-4-5	2-4-5	2-4-5	2-4-5	2-4-5

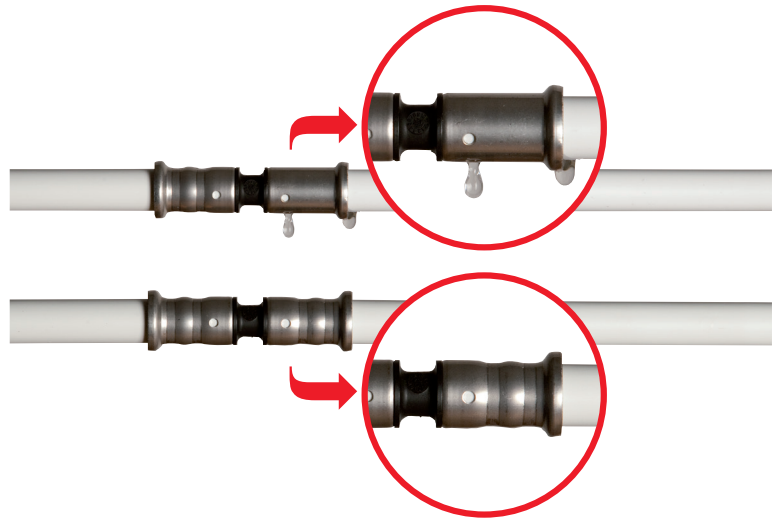
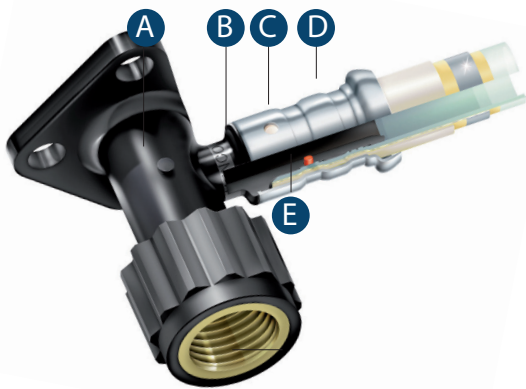
* Elbow fittings should be used here

+ 2XDU when using a BM-16 bending tool

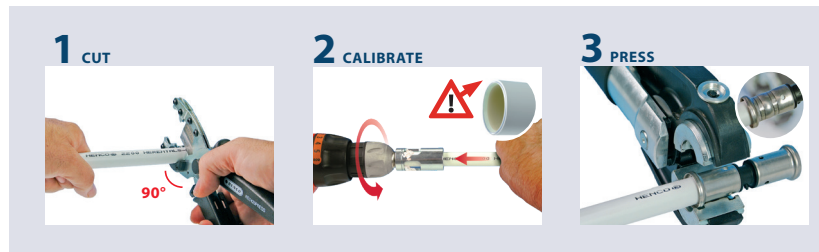
HENCO MULTILAYER PIPE AND FITTINGS: A CORROSION FREE SYSTEM

Henco synthetic press fittings (Ø14-63)

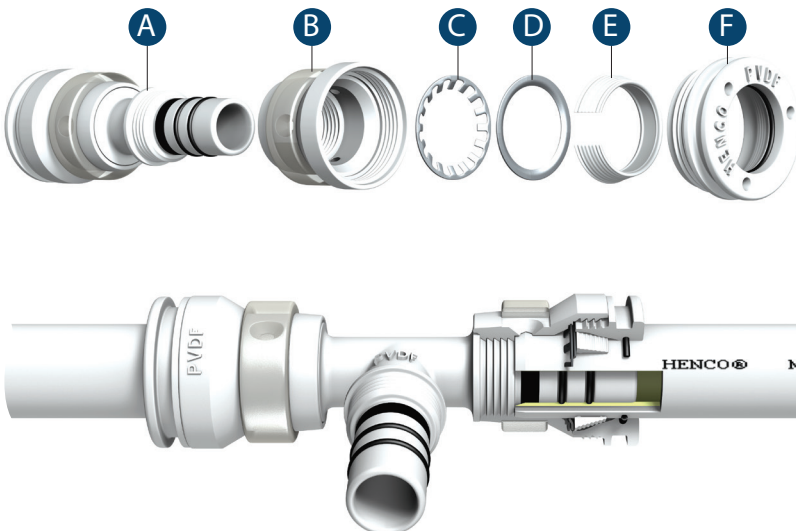
Leak before press! (Ø14-90)



- A** Connecting body made from synthetic material
- 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** Flexible O-ring made from EPDM



HENCO VISION SYNTHETIC PUSH FITTINGS (Ø16-20-26)



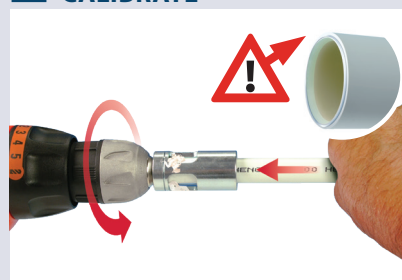
- A** Synthetic body with 2 EPDM O-rings
- B** Synthetic sleeve with inspection windows
- C** Stainless steel grip ring
- D** Stainless steel support ring
- E** Conical Synthetic locking ring
- F** Synthetic screw nut with EPDM O-ring and 3 disassembly notches

Quickly demountable

1 CUT



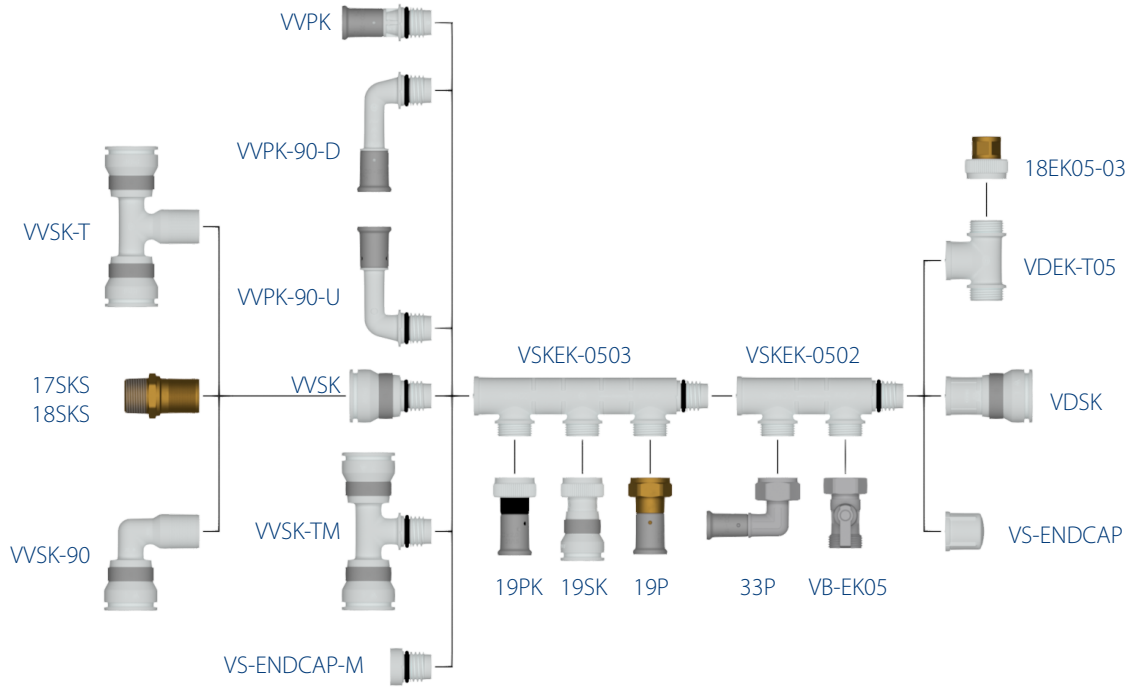
2 CALIBRATE



3 PUSH



HENCO FULL FLOW MANIFOLD: A FULLY MODULAR SYNTHETIC SYSTEM



Henco multilayer pipe



Henco multilayer pipe with conduit



Henco preinsulated multilayer pipe



Henco multilayer pipe with conduit for gas*



Henco Combi



Henco Combi Iso

* Only allowed in countries where there is a HENCO GAS approval + certificate available. (see www.henco.be)

CERTIFICATS ALL OVER THE WORLD CONFIRM THE HENCO TOP QUALITY



HENCO 10 YEAR SYSTEM GUARANTEE

Henco Industries NV
Belgium

Toekomstlaan 27
2200 Herentals

+32 14 28 56 60
info@henco.be

