

# Pig Tails and Siphons

## Type 05.5

05.5xx



The pig tails and coil siphons are used for measurement of pressure with vapour and are mounted between the instrument (pressure gauge, pressure switch, pressure transmitter) and the process. A part of the pipe remain always filled of condensation and this avoid the direct contact between the high temperature vapour and the instrument. Another use of these accessories is the heating dispersion, this avoid also to the instrument to work at dangerous temperature.

### Costructive characteristics

(Types: 520, 530, 522, 533, 550, 560, 555 e 566)

#### Nominal pressure:

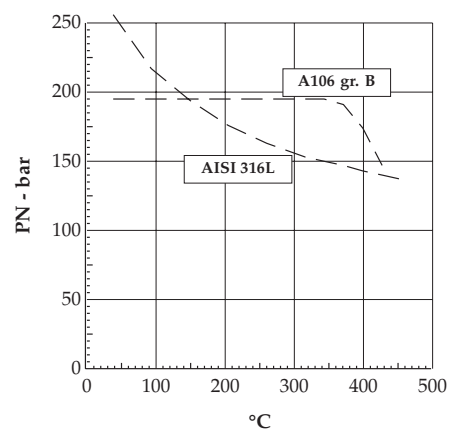
**A106 gr. B carbon steel:** 200 bar - 20 °C (150 bar - 430 °C max)

**AISI 316 L stainless steel:** 260 bar - 20 °C (135 bar - 450 °C max).

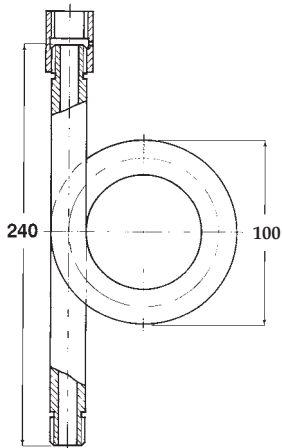
**Pipe dimensions:** 21,34 x 13,88 mm. (sch. 80 XS)

**Instruments connection - Process connection:** 1/2" BSP F/M; 1/2" NPT F/M.

### Relation pressure / temperature

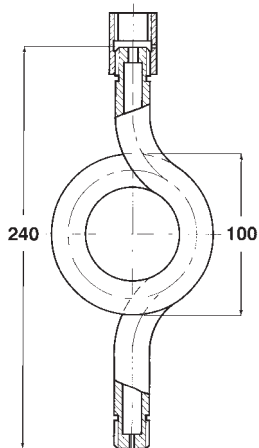


520 - A106 gr. B  
530 - AISI 316L st. st.



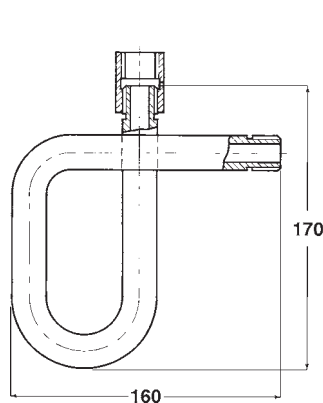
Weight 0,85 Kg.

522 - A106 gr. B  
533 - AISI 316L st. st.



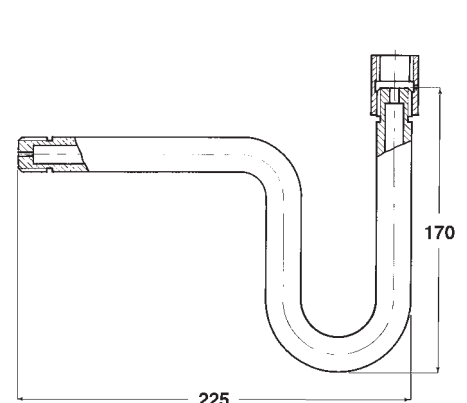
Weight 0,95 Kg.

550 - A106 gr. B  
560 - AISI 316L st. st.



Weight 0,80 Kg.

555 - A106 gr. B  
566 - AISI 316L st. st.



Weight 0,80 Kg.

# Pig Tails and Siphons

## Type 05.5

05.5xx

### Costructive characteristics

(Type 510)

**Material:** AISI 316L stainless steel

**Nominal pressure:**

120 bar - 20 °C (65 bar - 450 °C max) for connections 1/4" BSP F/M  
e 1/4" NPT F/M

90 bar - 20 °C (50 bar - 450 °C max) for connections 1/2" BSP F/M  
e 1/2" NPT F/M

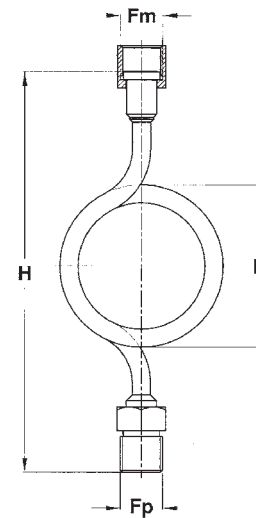
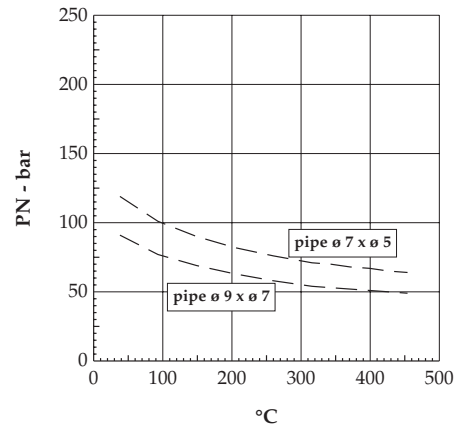
**Pipe dimensions:**

ø 7 x ø 5 mm for connections 1/4" BSP F/M e 1/4" NPT F/M

ø 9 x ø 7 mm for connections 1/2" BSP F/M e 1/2" NPT F/M

**Instrument connection - process connection:** 1/4" BSP F/M;  
1/4" NPT F/M; 1/2" BSP F/M; 1/2" NPT F/M.

### Relation pressure / temperature



Fm-Fp	H	h	Weight
1/4" BSP M X 1/4" BSP F	150	65	0,100 Kg.
1/4" NPT M X 1/4" NPT F	150	65	0,100 Kg.
1/2" BSP M X 1/2" BSP F	200	80	0,230 Kg.
1/2" NPT M X 1/2" NPT F	200	80	0,230 Kg.

### HOW TO ORDER

#### DESCRIPTION & CODE

**05** 05 - accessories

510.5 - AISI 316 L st.st. pig tail  
520.E - A 106 gr.B c.st. pig tail  
522.E - A 106 gr.B c.st. pig tail  
530.5 - AISI 316 L st.st. pig tail  
**533.5** 533.5 - AISI 316 L st.st. pig tail  
550.E - A 106 gr.B c.st. syphon  
555.E - A 106 gr.B c.st. syphon  
560.5 - AISI 316 L st.st. syphon  
566.5 - AISI 316 L st.st. syphon

#### Process connection

**41M** 21M - 1/4" BSP M  
23M - 1/4" NPT M  
41M - 1/2" BSP M  
43M - 1/2" NPT M

#### Instrument connection

**41F** 21F - 1/4" BSP F  
23F - 1/4" NPT F  
41F - 1/2" BSP F  
43F - 1/2" NPT F

**IMPORTANT:**  
Minimum quantity for  
Pig Tails and Syphons  
acc. to this data sheet:  
10 pcs. per execution



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