



Air/Fumes

## A-KLIP PTFE H

### Properties

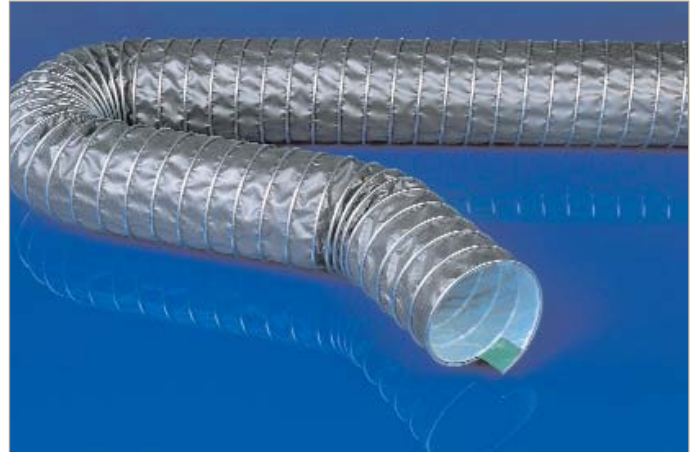
- excellent chemical resistance
- heat, cold, UV and ozone resistant
- excellent weather resistance
- highly flexible
- compression ratio of 4:1
- vibration resistant
- outer hose wall of robust material
- inner hose wall with non stick surface
- optimum flow characteristics
- external steel helix protects against abrasion
- high tensile strength between hose wall and external helix

### Applications

- corrosive media and solvent extraction
- chemical plants
- paint mist extraction
- paint, wood and paper industries
- pharmaceutical industry
- low pressure applications

### Construction

- inner ply of PTFE film with outer ply of Hypalon® coated polyester fabric and an external galvanised steel helix



**Code - A8C17.... H**

**Base Material - HT TEXTILES / PTFE**

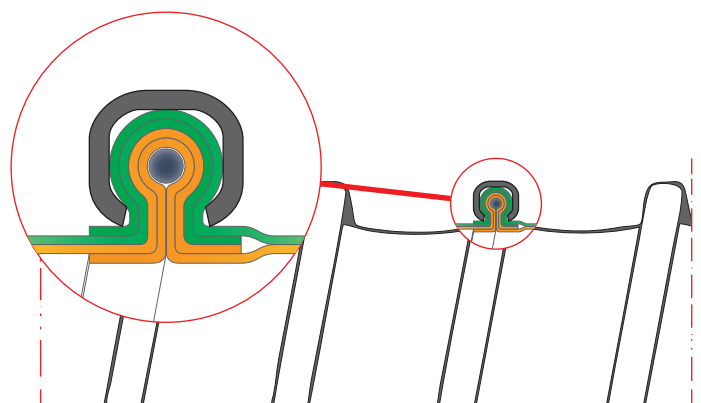
**Operating Temperature -  $-40 \div +175\text{ }^{\circ}\text{C}$**

**Pressure -  $0,016 \div 0,94\text{ bar}$**

**Vacuum -  $0,014 \div 5,28\text{ mth20}$**

**Diameter Range -  $38 \div 900\text{ mm}$  and over**

**Key feature - Excellent chemical resistance,  
Spiral hose**





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### Standard production

- diameter 38÷900
- colour: inside clear, outside black
- production lengths: 3 m and 6 m

### Available on request

- special diameters
- special lengths up to ca. 15 m
- custom design with other pitches and/or helix sizes
- external helix also in stainless steel (1.4512 or 1.4301) or aluminium

| inner Ø | working pressure | vacuum             | bending radius | weight |
|---------|------------------|--------------------|----------------|--------|
| mm      | bar              | mtH <sub>2</sub> O | mm             | kg/m   |
| 38      | 0,940            | 5,280              | 23             | 0,50   |
| 40      | 0,930            | 5,170              | 24             | 0,50   |
| 45      | 0,920            | 4,840              | 27             | 0,50   |
| 50      | 0,900            | 4,400              | 30             | 0,50   |
| 55      | 0,850            | 3,630              | 33             | 0,50   |
| 60      | 0,780            | 3,060              | 36             | 0,60   |
| 65      | 0,680            | 2,610              | 39             | 0,70   |
| 70      | 0,670            | 2,250              | 42             | 0,70   |
| 75      | 0,620            | 1,960              | 45             | 0,80   |
| 80      | 0,610            | 1,720              | 48             | 0,80   |
| 90      | 0,560            | 1,360              | 54             | 0,90   |
| 100     | 0,510            | 1,100              | 60             | 1,00   |
| 110     | 0,480            | 0,920              | 66             | 1,10   |
| 120     | 0,360            | 0,770              | 72             | 1,10   |
| 125     | 0,330            | 0,710              | 75             | 1,20   |
| 130     | 0,280            | 0,650              | 78             | 1,20   |
| 140     | 0,250            | 0,570              | 84             | 1,30   |
| 150     | 0,220            | 0,490              | 90             | 1,30   |
| 160     | 0,210            | 0,430              | 96             | 1,30   |
| 170     | 0,190            | 0,390              | 102            | 1,40   |
| 175     | 0,185            | 0,370              | 105            | 1,40   |
| 180     | 0,172            | 0,350              | 108            | 1,40   |
| 200     | 0,148            | 0,280              | 120            | 1,60   |
| 215     | 0,128            | 0,250              | 151            | 1,80   |
| 225     | 0,115            | 0,220              | 158            | 2,00   |
| 250     | 0,100            | 0,180              | 175            | 2,10   |
| 275     | 0,080            | 0,150              | 193            | 2,30   |
| 300     | 0,070            | 0,130              | 210            | 2,40   |
| 315     | 0,062            | 0,110              | 221            | 2,60   |
| 325     | 0,059            | 0,105              | 228            | 2,80   |
| 350     | 0,056            | 0,090              | 245            | 3,30   |
| 375     | 0,050            | 0,080              | 263            | 3,50   |
| 400     | 0,047            | 0,070              | 280            | 3,80   |
| 450     | 0,045            | 0,055              | 360            | 4,20   |
| 500     | 0,043            | 0,045              | 400            | 4,70   |
| 550     | 0,042            | 0,040              | 440            | 5,30   |
| 600     | 0,039            | 0,033              | 480            | 5,90   |
| 700     | 0,031            | 0,022              | 560            | 6,90   |
| 800     | 0,022            | 0,018              | 640            | 7,60   |
| 900     | 0,016            | 0,014              | 720            | 8,20   |

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