



Air/Fumes

## A-KLIP HT400

### Properties

- very high temperature resistance
- silicone free
- highly flexible
- compression ratio of 6:1
- improved vacuum resistance by steel wire reinforcement
- only partially suitable for continuous flexing
- high tensile strength between hose wall and external helix
- suitable for non-combustible dusts and gases of low conductivity acc. to TRGS 727 (zone 1, 21). Helix ends must be earthed at both sides and helix pitch must be < 30 mm to ensure static dissipation (see register no. 28.12)
- RoHS compliant

### Applications

- primary use as an extraction hose
- hot air conveyance
- fume extraction equipment
- furnace & engine construction
- iron and steel foundries
- radiant heat protection
- low pressure applications
- chimney flue exhaust
- only partially suitable for exhaust fume extraction

### Construction

- special coated high temperature stainless steel wire reinforced fabric with an external galvanised steel helix



**Code - A8C11....**

**Base Material - HT TEXTILES**

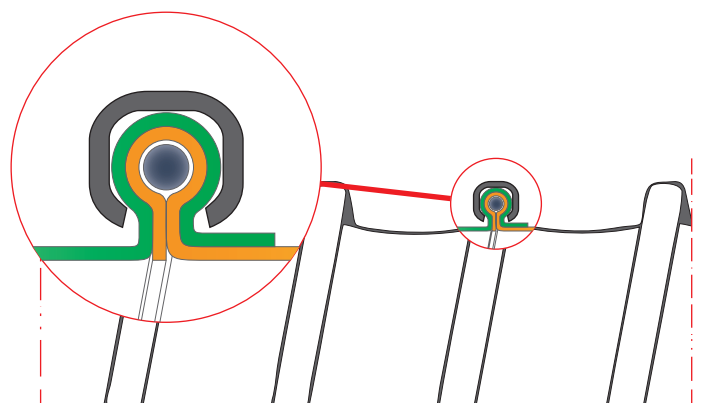
**Operating Temperature -  $-20 \div +400\text{ }^{\circ}\text{C}$**

**Pressure -  $0,009 \div 0,91\text{ bar}$**

**Vacuum -  $0,012 \div 4,07\text{ mth20}$**

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

**Key feature - Silicon free, M1-F1, Spiral hose**





Air/Fumes

## A-KLIP HT400

### Standard production

- diameter 38÷900
- colour: silver grey
- production lengths: 3 m and 6 m

### Available on request

- special diameter up to 2000 mm
- colour red
- 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      | 0,910            | 4,070              | 23             | 0,50   |
| 40      | 0,900            | 3,960              | 24             | 0,50   |
| 45      | 0,870            | 3,740              | 27             | 0,50   |
| 50      | 0,850            | 3,520              | 30             | 0,50   |
| 55      | 0,780            | 2,920              | 33             | 0,60   |
| 60      | 0,680            | 2,450              | 36             | 0,60   |
| 65      | 0,590            | 2,090              | 39             | 0,70   |
| 70      | 0,530            | 1,760              | 42             | 0,70   |
| 75      | 0,470            | 1,540              | 45             | 0,80   |
| 80      | 0,430            | 1,380              | 48             | 0,80   |
| 90      | 0,355            | 1,100              | 54             | 0,80   |
| 100     | 0,300            | 0,880              | 60             | 0,80   |
| 110     | 0,258            | 0,730              | 66             | 0,90   |
| 120     | 0,224            | 0,620              | 72             | 0,90   |
| 125     | 0,210            | 0,550              | 75             | 1,00   |
| 130     | 0,197            | 0,520              | 78             | 1,00   |
| 140     | 0,175            | 0,460              | 84             | 1,00   |
| 150     | 0,157            | 0,400              | 90             | 1,10   |
| 160     | 0,140            | 0,350              | 96             | 1,10   |
| 170     | 0,128            | 0,310              | 102            | 1,10   |
| 175     | 0,123            | 0,290              | 105            | 1,30   |
| 180     | 0,117            | 0,270              | 108            | 1,30   |
| 200     | 0,099            | 0,220              | 120            | 1,50   |
| 215     | 0,088            | 0,200              | 151            | 1,60   |
| 225     | 0,082            | 0,180              | 158            | 1,80   |
| 250     | 0,069            | 0,150              | 175            | 2,00   |
| 275     | 0,059            | 0,120              | 193            | 2,40   |
| 300     | 0,052            | 0,100              | 210            | 2,60   |
| 315     | 0,048            | 0,090              | 221            | 2,60   |
| 325     | 0,046            | 0,085              | 228            | 2,80   |
| 350     | 0,040            | 0,075              | 245            | 3,10   |
| 375     | 0,036            | 0,065              | 263            | 3,60   |
| 400     | 0,033            | 0,055              | 280            | 3,90   |
| 450     | 0,027            | 0,045              | 360            | 4,50   |
| 500     | 0,023            | 0,035              | 400            | 5,10   |
| 550     | 0,020            | 0,030              | 440            | 5,80   |
| 600     | 0,017            | 0,025              | 480            | 6,40   |
| 700     | 0,014            | 0,020              | 560            | 7,50   |
| 800     | 0,011            | 0,016              | 640            | 8,60   |
| 900     | 0,009            | 0,012              | 720            | 9,80   |

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications • ott\_17\_rdb