**VISIFLON™**
PTFE Hose for automotive and general purpose applications

Convoluted PTFE liner tube for improved flexibility in larger bore sizes

A VISIFLON HOSE ASSEMBLY

**VISIFLON HOSE SPECIFICATIONS**

**HOSE BORE SIZE RANGE** -

\( \frac{3}{8} \)" (10MM) UP TO 1\( \frac{1}{4} \)" (50MM)

**HOSE LENGTHS** -

UP TO 1", 70 FEET (20 METRES). 1\( \frac{1}{4} \)", 50 FEET (15 METRES)

**TEMPERATURE LIMITS** -

-100°F (-73°C) TO 450°F (+230°C)

**WORKING PRESSURE RATINGS** - (stainless steel braided hose)

\( \frac{3}{8} \)" (10MM) = 870 PSI (60 BAR) TO 1\( \frac{1}{4} \)" (32MM) = 25 BAR (360 PSI)

**VACUUM LIMITATIONS** - (stainless steel braided hose)

USABLE AT VACUUM TO -0.9 BAR FOR ALL SIZES, UP TO 266°F (130°C)

**END FITTING OPTIONS** - Standard design only for:

BSPT AND NPT MALE AND FEMALE, BSP AND NPSM 60° CONE SEAT AND FLAT SEAT FEMALE UNIONS, JIC THREADED MALE AND FEMALE FITTINGS, STANDPIPE FITTINGS AND MANY MORE

**ALTERNATIVE DESIGN OPTIONS** (to special order) -

- ORANGE POLYPROPYLENE YARN BRAID
- BLACK, ANTI-STATIC PTFE LINER TUBE

FOR THE FULL VISIFLON HOSE BROCHURE PLEASE VISIT - WWW.AFLEX-HOSE.COM
Specifications listed below are for non-antistatic grades. For anti-static (AS) grades the specifications are all the same, except that "AS" is added to the grade reference, and the part number reads "-110-" in place of "-100-".

### TEMPERATURES AND PRESSURES

**Visiflon tube only (TO) grades** - The MWP listed above applies up to a maximum temperature of 212˚F (100˚C).

**Visiflon stainless steel (SS) grades** - The MWP listed above should be reduced by 1% for each 1.8˚F above 266˚F up to a maximum of 445˚F (1% for each 1˚C above 130˚C up to a maximum of 230˚C).

**Visiflon polypropylene (PB) Grades** - The MWP listed should be reduced by 5% for each 1.8˚F above 176˚F to 212˚F (5% for each 1˚C above 80˚C up to a maximum of 100˚C).

### VACUUM RESISTANCE

Visiflon SS grades are usable at vacuum to -0.9 bar up to 266˚F (130˚C). Visiflon TO and PB grades are vacuum resistant to -0.9 bar up to 176˚F (80˚C).

### FLOW RATES

The internal convolutions restrict flow rates due to turbulent flow, and may also cause a whistling noise when gases are passed through. For any applications where this may be a problem, the alternative Aflex Hose products Hyperline FX or Corroline+ would provide a solution.

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**AFLEX HOSE**
The world's leading manufacturer of PTFE Flexible Hose

**WWW.AFLEX-HOSE.COM**

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