Convoluted PTFE liner tube for improved flexibility in larger bore sizes

**VISIFLON™**

PTFE hose for automotive and general purpose applications

**VISIFLON HOSE SPECIFICATIONS**

**HOSE BORE SIZE RANGE** -

$rac{3}{8}''$ (10MM) TO 1$rac{1}{4}''$ (32MM)

**HOSE LENGTHS** -

UP TO 1, 20 METRES (70 FEET). 1$rac{1}{4}''$, 15 METRES (50 FEET)

**TEMPERATURE LIMITS** -

-73°C (-100°F) TO +230°C (450°F)

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

$rac{3}{8}''$ (10MM) = 60 BAR (870 PSI) TO 1$rac{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 130°C (266°F)

**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](http://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 100°C (212°F).

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

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

VACUUM RESISTANCE

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

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.