

HOSE TYPES AVAILABLE

Uniflex®

STANDARD GRADES. 316 HELIX WIRE ANTI-KINK SUPPORT STAINLESS BRAID



VIRGIN PTFE CONVOLUTED TUBE



RED DURAZINE (Other colours can be considered)
BRAID

EXTRA DESIGN FEATURES



FLOPPY STAINLESS BEND LIMITER (normally supplied over braid for pressure applications)

OTHER GRADES AVAILABLE

UWR — Unsupported

Close pitch convolution where the wire support has been removed for lightweight or non-conductive applications (only available braided).

FURTHER BRAID OPTIONS

M — Monel Braid

For applications and elevated temperatures where corrosive external attack may affect stainless. The helix wire support would become Monel (alternative solid PTFE wire support can be provided).

UXS — Uniflex standard grade

General purpose hose to cover the widest range of duties — stainless braided 304 standard 316 available on request (Uniflex ref. UXS16). Unbraided option available for this grade (Uniflex ref. UX).

UXP — Uniflex standard grade

With chemically resistant Durazine polymer overbraid as an alternative to stainless — basic colour Red. Best for abrasive resistance and lightweight, avoiding pricking of operators hands that can occur with stainless. Also lower in cost. Temperature range however limited to -30°C to $+90^{\circ}\text{C}$.

HV — High Vacuum and Temperature

To give a longer service life under full vacuum conditions or for extreme temperature and pressure applications. Achieved by closer pitch convolutions with a more robust liner. This grade achieves the best flexibility from all Uniflex options.

CF — Conductive Liner

Achieved by a specific addition of carbon to ensure dissipation of static build up inside the hose. (Conforms to BS2050 : 1978).

FBL — Stainless Bend Limiter

For the most rugged of applications up to 230°C where a "Floppy" stainless four walled interlock casing is provided at ends or over the complete hose length to mechanically protect the hose from abuse or overbending. The casing TIG welded at the fitting remains flexible with the hose, but pre-locks at a radii greater than the stress point of the inner convolutions. Probably the most robust protection available.

UPH — Heat Set Convolutions

Low profile close pitch convolutions, heat set at elevated temperatures for greater stability and to achieve higher pressure capabilities from the PTFE tube. (Self cleaning properties are reduced).

K — Kevlar Braid

Where elevated temperatures and corrosive external attack exists up to 230°C . Best abrasive resistance avoiding braid snagging pricking operators hands. Mechanically stronger than Stainless or Monel — Basic colour Yellow.