# THE UNIVERSAL FLEXIBLE HOSE

## STANDARD GRADES

Nominal Hose Bore		Minimum Through bore of hose		Nominal PTFE Tube Wall Thickness		Minimum Inner Bend Radius		Maximum Working Pressure		Weight per unit length	Uniflex reference numbers (stainless braided)	Unbraided Maximum Working Pressures	
in	mm	in	mm	in	mm	in	mm	psi	bar	kg/mt		psi	bar
1/2 3/4 1 1 1/4 1 1/2 1 3/4 2 2 1/4	12 20 25 32 40 45 50 57	3/8 9/16 13/16 1 11/4 1.7/16 1.11/16	9.5 14.2 20.6 25.4 32.0 36.5 42.8 47.6	0.040 0.047 0.050 0.063 0.063 0.050 0.080 0.063	1.00 1.20 1.25 1.60 1.60 1.25 2.00 1.60	1 1½ 2 3 4 4½ 5	25 38 50 75 100 114 127 150	600 500 420 380 300 250 270 225	41 35 29 26 21 17 19	0.30 0.45 0.75 0.95 1.90 2.00 2.70 2.60	UXS-12 UXS-20 UXS-25 UXS-32 UXS-38 UXS-44 UXS-50 UXS-57	100 90 75 65 65 50 55 45	7.0 60 5.0 4.5 4.5 3.4 3.8 3.1
2½ 3 4	65 75 100	2 2½ 3½	50.8 63.5 89.0	0.080 0.080 0.100	2.00 2.00 2.50	8 10 12	200 250 300	235 200 185	17 14 13	2.90 3.75 6.80	UXS-65 UXS-75 UXS-100	40 30 20	2.7 2.0 1.3

Other sizes under development 1/4": 3/6": 5/8": 5/8": 5/8" and 6". PTFE tube available with thicker wall UTX grade.
Unbraided (reference UX) only suitable where there is no possibility of any external damage (Extension of 10% may occur at maximum pressure)

# FURTHER HOSE PROTECTIVE COVERING

#### POS — Shrink Fit Outer Sleeve

Thin membrane of Polyolefin, FEP, PVC or PTFE shrink on sleeving to protect outer braid. Ideal for cleanliness areas providing a wash down facility avoiding contamination into the braid.

#### NC — Rubber Covered

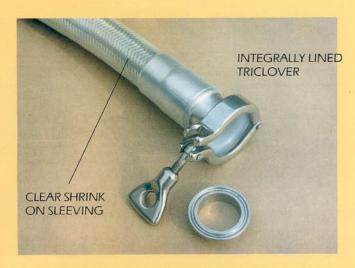
Complete hose rubber covered for robust protection — vulcanised into stainless braid — Blue Colour as standard.

### SR — Scuffing Rings

Rubber Scuffing rings placed at intervals along the hose to protect the hose from dragging on the ground. Usually square in section.

#### PTFE LINED FITTINGS

Flanged Spool pieces, threaded fittings, PTFE lined for attachment to pipework can be provided ready to accept Uniflex Integrally PTFE lined hose end fittings. These include a full range of patented cam lock quick release flanged adaptors fully PTFE lined. Alternative hose liners can be convoluted by Uniflex Patented method such as FEP or in limited sizes Polypropylene.



#### ORDERING PROCEDURES

Refer to reference numbers such as standard grade UXS (Stainless braid) or UXP (Durazine braid) with suffix added for additional specifications required. For example UXS-HV-FBL-25 for a 1" hose with stainless "Floppy" bend limiter suitable for high temperature and vacuum followed by overall length, type of end fittings, with grade of material required and whether unlined or integrally PTFE lined.

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