



CHEMICAL SUPPORT SYSTEMS

DESIGN / ENGINEER / MANUFACTURE / INSTALL

Unit 21 Road Three, Industrial Estate,
Winsford, Cheshire, CW7 3PD
Tel: 01606 861809 Fax: 01606 559337

UHMWPE Hose



Applications

Acid and chemical suction and delivery, suitable for 98% of existing chemicals. Refer to Chemical Resistance Chart.

Tube: Transparent UHMWPE (Ultra High Molecular weight Polyethylene

Reinforcement: High Tensile Textile fabric with embedded steel Helix wire- antistatic wires.

CSS Code	Inside Dia. (mm)	Nominal outside Dia.(mm)	Tolerances on OD (mm) +/-	Min. Bend Radius (mm)	Nominal Weight kg/mtr	Vacuum %
UHMWPE 3/4	19	31	0.8	188	0.60	90
UHMWPE 1	25	37	1.2	225	0.74	90
UHMWPE 1 1/4	32	44	1.6	263	0.88	90
UHMWPE 1 1/2	38	50	1.6	338	1.02	90
UHMWPE 2	51	63	1.6	413	1.35	90

Maximum Working Pressure: 16 bar

Minimum Burst Pressure: 48 bar

Working Temperature: -30 degree C - +100 degree C (-22 degree F - +212 degree F) depending on chemical conveyed

Important Note: Please note that the information is to the best of our knowledge, true and accurate. We reserve the right to alter the specifications without notice.

Since conditions under which the products may be used are beyond our control: our recommendations are made without warranty or guarantee and we cannot be held responsible for misuse of products or information. However, our experienced technical stall would be happy to assist if you have any questions.