



Mandals Ultraman HVT is a lightweight multipurpose hose. Its high operational pressure combined with lightweight and compact storage makes it ideal for use within several industries.

The Ultraman is complemented by Ultraman HVT to form a full range up to 12". Ultraman and Ultraman HVT are lighter and more flexible than Superman HVT equivalent dimensions.

Primary Uses & Applications

- Firefighting.
- Refineries.
- Civil defense.
- Emergency water transfer.
- Feeder and supply hose within agriculture.

Features

- Resistant to a wide range of chemicals.
- Full diameter recovery after pressure release.
- Excellent hydrolysis and fungus resistance.
- Superior UV, Ozone, and weathering resistance.

Construction

- A high tensile polyester reinforcement jacket enveloped by a high-grade thermoplastic polyurethane (TPU) lining and cover material.
- The TPU is extruded through a circular woven reinforcement, creating a strong bond between cover and lining that prevents delamination, as well as firmly encapsulating the reinforcing polyester.

Properties

- Length up to 200m.
- Color options: Black (standard).
- Different coupling options available.
- Operating temperature from -50°C to +75°C (-58°F to +167°F) for pure water.

Ultraman HVT

Article Number	Inner Diameter ¹		Wall Thickness		Weight		Maximum Working Pressure ²		Burst Pressure		Nom. Tensile Strength ³	
	inch	mm	inch	mm	lbs/ft	kg/m	psi	bar	psi	bar	X1000 lbs	X1000 kg
ULH203	8	203	0.16	3.9	1.82	2.7	305	21	610	42	81.5	37.0
ULH254	10	254	0.16	4.0	2.35	3.5	260	18	520	36	101.0	46.0
ULH305	12	305	0.17	4.2	2.83	4.2	215	15	435	30	120.0	54.5

Note: ¹Tolerance range based on ISO1307 Type C. ²Values are for hose only; allowed working pressure can not exceed coupling pressure rating. For questions about chemical resistance please check mandals.com/support. ³Calculated value. Use a reduction factor of 0.75 for realistic maximum tensile strength values.