

# UNI M2 L/IC/CR

 **Temperature range**  
-55 °C to +150 °C

Individual solutions



### Detailed view



### Variants



### Description

Flexible, light weight hose developed for water conveyance/drainage on trains e.g (rainwater/cleaning solution). Manufactured with a neoprene liner, two-ply glass-fiber fabric and a trapped high tensile steel wire helix. A finely crafted specialist product of high quality using high-grade raw materials. Universally deployable in medium temperature range for hot and cold air, gases, vapors, dusts, powders, and fibers. Developed to meet strict fire protection regulations and for use in areas exposed to fire hazard.

### Properties

- Very lightweight
- Flexible
- Good bend radius
- Non-kinking
- Smooth bore
- Three-ply construction
- Good flow characteristics
- Highly flame-retardant
- Superior cold resistance
- Good cold flexibility
- Inner ply resistant to rain-water and tested cleaning solutions listed on the right side.

### Sample applications

HVAC technology, Rail vehicle construction, air-conditioning technology.

### Length

Standard length: 4 m.  
According to specifications.

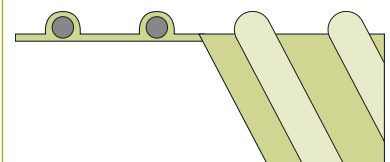
### Other information

Color: silver.

Approved to: DIN 54837:2007  
Certified to: DIN 5510-2:2009  
Classified: DIN 5510 S4

Confirmation of resistance to the following cleaning solutions: Kenotek Globo SP 2800, Steinert 674 Shampoo, Topurin N, Topurin Ma.

Testing at vulcanized testing material. All details are based on fully vulcanized articles.



Article no.	Inner diameter (mm)	Outer diameter (mm)	Weight (kg/m)	Bending radius (mm)	Pressure (bar)	Vacuum (mm water column)
10321019	19	22	0.110	19	1.7	5,300
10321022	22	25	0.170	22	1.7	5,300
10321025	25	30	0.185	25	1.7	5,300
10321032	32	36	0.280	32	1.6	5,000
10321038	38	43	0.305	38	1.4	5,000
10321041	41	46	0.310	41	1.4	5,000
10321044	44	49	0.320	44	1.3	5,000
10321051	51	56	0.360	51	1.2	4,400
10321055	55	60	0.380	55	1.2	4,400
10321057	57	62	0.430	57	1.2	4,000
10321060	60	65	0.460	60	1.2	4,000
10321063	63	68	0.485	63	1.1	4,000
10321065	65	70	0.520	65	1.1	4,000
10321070	70	75	0.540	70	1.1	3,500
10321076	76	81	0.580	76	1.1	3,500
10321080	80	85	0.605	80	1.1	3,500
10321083	83	88	0.630	83	1.1	2,600
10321089	89	94	0.690	89	1.1	2,600
10321095	95	100	0.730	95	1.1	2,600
10321102	102	107	0.770	102	0.9	2,600
10321108	108	114	0.805	108	0.9	2,500
10321110	110	116	0.820	110	0.9	2,000
10321114	114	120	0.845	114	0.9	2,000
10321121	121	127	0.885	121	0.9	1,800
10321127	127	133	0.925	127	0.9	1,600
10321130	130	136	0.980	130	0.9	1,600
10321140	140	146	1.000	140	0.8	1,500
10321152	152	158	1.200	152	0.8	1,400
10321160	160	166	1.300	160	0.8	1,300
10321165	165	171	1.380	165	0.8	1,200
10321178	178	184	1.430	178	0.7	1,050
10321203	203	209	1.650	203	0.5	700
10321216	216	222	1.750	216	0.5	700
10321229	229	235	1.850	229	0.5	600
10321254	254	260	2.090	254	0.4	500
10321305	305	311	2.610	305	0.1	300
	Other dimensions upon request				Measured at +20 °C ambient temperature	