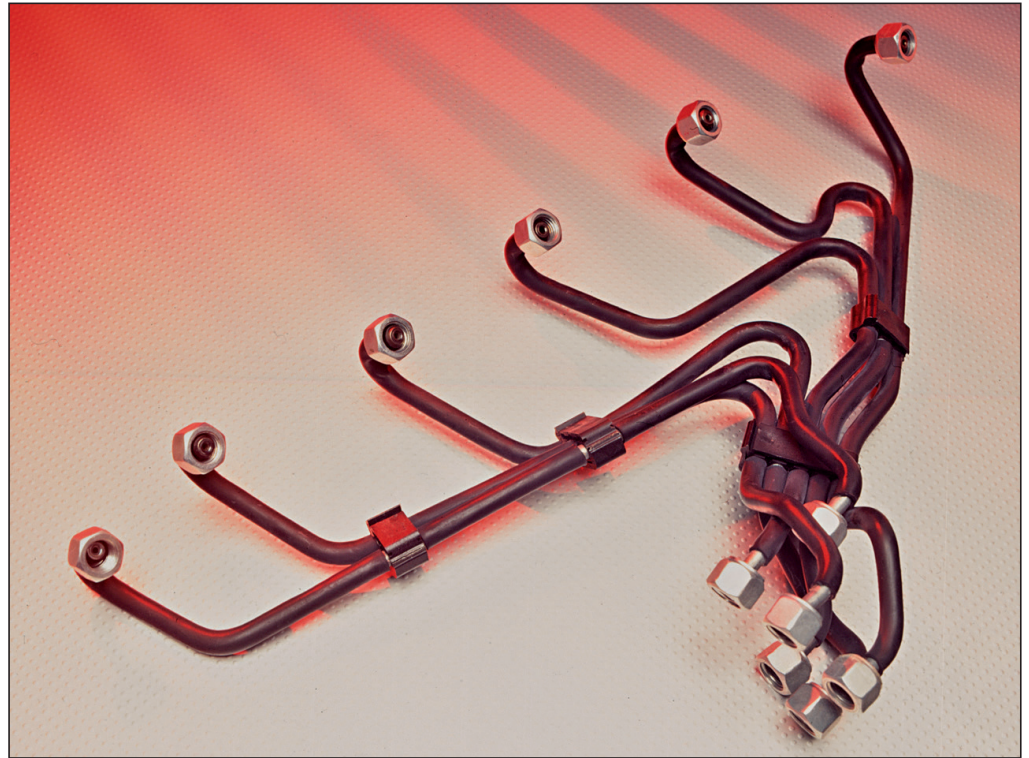


Automotive Hose and Pipe Protection



ATUM Tubing
High shrink ratio
adhesive lined
polyolefin tubing.



ATUM Tubing

Semi-flexible, heat-shrinkable tubing with a meltable adhesive inner lining designed to provide moisture proof sealing to a wide range of substrates such as electrical wire splices, cable jackets, wire breakouts and electrical components.

The high shrink ratios mean that only seven sizes are required to cover a wide range of substrate diameters. Typical applications are environmental sealing of electrical components including wire splices and harness breakouts as well as sealing cable ends against moisture ingress.

Benefits

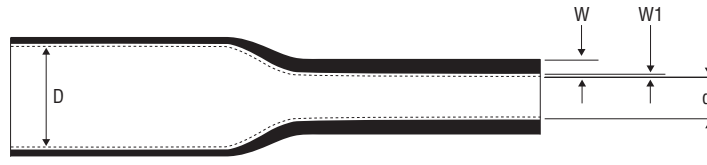
- Easier, lower cost installation compared to dip-coat processes – simply slide over substrate and shrink using hot air, convection or infrared equipment.
- Reduced production times – tubes can be bent or formed on the pipe.
- Moisture proof sealing – hot-melt adhesive flows between tubing and substrate to provide a permanent waterproof bond.
- Application versatility – one size of tubing fits a range of substrate diameters minimizing inventory costs.
- RoHS/ELV compliant

Automotive Hose and Pipe Protection

Product Features

ATUM Tubing


- Continuous operating temperature from -55°C up to +110°C
- Minimum shrink temperature: 80°C
- Minimum full recovery temperature: 110°C
- 3:1 and 4:1 shrink ratio

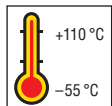


Product Dimensions

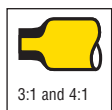
Inside Diameter				Wall Thickness				Ordering Description	
D (min) Expanded as Supplied		d (max) Recovered after Heating		W (nom) Total Wall Recovered after Heating		W1 (nom) Melttable Wall Recovered after Heating			
mm	mm	mm	mm	mm	mm	mm	mm	3:1	4:1
3	4	1	1	1.00	1.00	0.5	0.5	Atum-3/1-colour code	Atum-4/1-colour code
6	8	2	2	1.00	1.00	0.5	0.5	Atum-6/2-colour code	Atum-8/2-colour code
9	12	3	3	1.40	1.40	0.6	0.6	Atum-9/3-colour code	Atum-12/3-colour code
12	16	4	4	1.78	1.78	0.7	0.7	Atum-12/4-colour code	Atum-16/4-colour code
19	24	6	6	2.25	2.25	0.8	0.8	Atum-19/6-colour code	Atum-24/6-colour code
24	32	8	8	2.54	2.54	1.0	1.0	Atum-24/8-colour code	Atum-32/8-colour code
40	52	13	13	2.54	2.54	1.0	1.0	Atum-40/13-colour code	Atum-52/13-colour code

Ordering Information

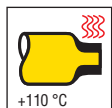
Standard Colours	Black (0)	Clear (X)
Size Selection	Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.	
Ordering Description	Specify product name, size and colour (for example ATUM-12/3-colour)	
Specifications/Approvals	Series ATUM	UL  E85381, 600 V, 110°C
		TE RW-2063 (black) RK-6024 (colours and clear)



Operating Temperature Range



Shrinking Ratio



Shrink Temperature



Flame Retarded (black/colours only)



Fluid Resistant



Underwriters Laboratories