

RAYCHEM Heat Shrinkable Tubing, Splices, and Sleeves Tyco Electronics

Authorized Distributor

RAYCHEM DUAL WALL 1/4 CLASS 2

Adhesive-lined, flexible, polyolefin tubing.

Seals and protects simple in-line splices, bimetallic joints, and components from fluids, moisture, and corrosion. Repairs damaged wire insulation, especially where flexibility is required. Provides one-step electrical insulation and moisture sealing.

Specifications:

- Shrink ratio: 2:1
- Operating temperature range: -55° to +135°C
- Minimum shrink temperature: +95°C
- Minimum full recovery temperature: +121°C
- Color: Black



RoHS Compliant



PVDF - Type, 48" Lengths

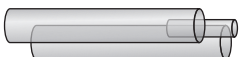
MOUSER STOCK NO.	Raychem Part No.	Size	Price Each				
			1	2	5	10	25
650-TAT125018	TAT-125-1/8-0-STK	1/8	5.38	4.88	4.49	4.14	3.34
650-TAT125316	TAT-125-3/16-0-STK	3/16	6.84	6.27	5.78	5.12	4.10
650-TAT125014	TAT-125-1/4-0-STK	1/4	8.22	7.48	6.85	6.32	5.10
650-TAT125038	TAT-125-3/8-0-STK	3/8	9.98	9.16	8.10	7.14	6.59
650-TAT125012	TAT-125-1/2-0-STK	1/2	10.89	9.90	9.08	8.37	7.07
650-TAT125034	TAT-125-3/4-0-STK	3/4	16.19	15.74	13.49	11.87	9.49
650-TAT125100	TAT-125-1-0-STK	1	17.44	15.11	13.37	11.62	9.30
650-TAT125112	TAT-125-1-1/2-0-STK	1 1/2	11.84	10.26	9.07	7.89	6.31

RAYCHEM DUAL WALL 1/4 CLASS 3

ATUM semi-flexible, general purpose adhesive-lined, moisture proof heat-shrinkable tubing. Provides excellent environmental sealing, high strength bonding, operating temperature -55°C to +110°C.

Specifications:

- Shrink ratio: 3:1
- Operating temperature range: -55° to +110°C
- Minimum shrink temperature: +80°C
- Minimum full recovery temperature: +110°C
- Color: Black



RoHS Compliant



48" Lengths

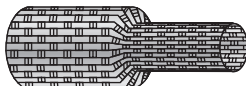
MOUSER STOCK NO.	Raychem Part No.	Size (In.)	Price Each				
			1	2	5	10	25
650-ATUM31	ATUM-3/1-0-STK	1/8	10.19	9.27	8.50	7.85	7.28
650-ATUM62	ATUM-6/2-0-STK	1/4	15.51	14.10	12.92	11.92	11.09
650-ATUM93	ATUM-9/3-0-STK	3/8	17.12	15.57	14.27	13.17	11.99
650-ATUM124	ATUM-12/4-0-STK	1/2	12.00	10.90	9.96	9.22	8.56
650-ATUM196	ATUM-19/6-0-STK	3/4	16.08	14.61	13.43	12.42	11.51
650-ATUM248	ATUM-24/8-0-STK	1	27.24	23.61	20.88	18.16	14.52
650-ATUM4013	ATUM-40/13-0-STK	1 1/2	65.11	59.18	54.25	50.10	46.51

RAYCHEM HEAT SHRINKABLE FABRIC

HFT5000 products are made of very flexible heat-shrinkable fabric material. Heated above 110°C, they shrink to fit snugly and securely around the underlying substrate. Designed primarily to provide mechanical abrasion protection for components such as rubber hoses, plastic pipes, and harness wiring bundles, they are also suitable for other applications, such as noise and rattle suppression.

Specifications:

- Shrink ratio: 2:1
- Warp material: Polyester
- Weft material: Irradiated, modified polyolefin
- Coating: Modified polyolefin
- Color: Black



Features:

- Highly flexible woven fabric tubing
- Polyethylene/polyester construction for excellent abrasion resistance
- Low shrink temperature

MOUSER STOCK NO.	Raychem Part No.	Shrink Ratio	Spool (M.)	Price Each				
				1	2	5	10	25
650-HFT126	HFT-5000-12/6-0-SP	12/6	500	1067.52	1014.95	983.18	951.40	919.63
650-HFT2010	HFT-5000-20/10-0-SP	20/10	400	1024.90	992.87	960.84	928.82	898.78
650-HFT3015	HFT-5000-30/15-0-SP	30/15	400	1255.40	1199.12	1120.63	1060.97	959.11
650-HFT4020	HFT-5000-40/20-0-SP	40/20	300	1140.14	1104.51	1068.89	1033.25	997.62
650-HFT5025	HFT-5000-50/25-0-SP	50/25	200	930.91	901.82	872.73	843.64	814.55
650-HFT6030	HFT-5000-60/30-0-SP	60/30	200	1012.03	973.72	931.60	893.48	868.68
650-HFT7035	HFT-5000-70/35-0-SP	70/35	150	1096.30	993.29	951.60	911.15	890.07

RAYCHEM DURASEAL WIRE SPLICES

DuraSeal devices provide a tough, environmentally sealed wire connection. Their crimp barrel or terminal, encased in rugged, heat shrinkable nylon tubing lined with a special hot-melt adhesive, resists damage from abrasions and cuts.

Features:

- Resistance to moisture and abrasion
- Strain relief
- Protection from wire pull-out
- Easy installation



1pc. Crimp Splice with Tubing

For quantities of 10,000 and up, call for quote.

MOUSER STOCK NO.	Raychem Part No.	Size AWG	Price Each				
			1	100	500	1000	5000
650-D4060001	D-406-0001	22-18	.55	.51	.45	.42	.39
650-D4060002	D-406-0002	16-14	.55	.51	.45	.42	.39
650-D4060003	D-406-0003	12-10	.75	.69	.63	.57	.54

RAYCHEM SOLDER SLEEVES

Raychem's SolderSleeve heat-shrinkable wire and cable interconnection devices are a labor-saving alternative to conventional wire and cable termination methods such as craft-sensitive, time-consuming hand soldering or crimping.

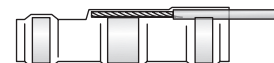
Features:

- Controlled soldering with high level of sealing
- Strain relief
- Insulation
- Easy one step installation
- Application from 125°C to 260°C
- NAS, MIL-SPEC, and UL approvals



150C Mil-Spec 83519 Qualified

MOUSER STOCK NO.	Raychem Part No.	Inner Dia. Min.	Shield Dia. Min.	Price Each				
				1	50	100	250	500
650-S0101R	S01-01-R	.075"	.035"	1.32	1.21	1.11	1.02	.95
650-S0102R	S01-02-R	.105"	.055"	1.32	1.15	1.03	.92	.85
650-S0103R	S01-03-R	.170"	.085"	1.36	1.20	1.06	.96	.88
650-S0104R	S01-04-R	.235"	.130"	1.63	1.42	1.27	1.14	1.05
650-S0105R	S01-05-R	.275"	.170"	1.65	1.44	1.29	1.16	1.07



125C (Commercial shield term w/lead)

MOUSER STOCK NO.	Raychem Part No.	Inner Dia. Min.	Shield Dia. Min.	Price Each				
				1	50	100	250	500
650-CWT3122	CWT-3-W122-5	.098"	.059"	1.66	1.51	1.38	1.26	1.15
650-CWT5122	CWT-5-W122-5	.169"	.079"	1.71	1.57	1.46	1.32	1.22
650-CWT7122	CWT-7-W122-5	.252"	.130"	1.87	1.70	1.54	1.39	1.20



Solder Splicing Sleeves (For wire to wire splices)

MOUSER STOCK NO.	Raychem Part No.	Wire Jacket O.D. (mm)		Price Each				
		Min.	Max.	1	50	100	250	500
650-CWT9001	CWT-9001	0.4	1.7	.79	.74	.68	.62	.53
650-CWT9002	CWT-9002	1.3	2.7	.76	.70	.66	.60	.54
650-CWT9003	CWT-9003	1.8	4.5	.80	.74	.69	.63	.55



Solder Terminating Sleeves (For wire to pin termination)

MOUSER STOCK NO.	Raychem Part No.	Wire to Pin Sz. (AWG)	Wire to Tab Sz. (AWG)	Price Each				
				1	50	100	250	500
650-CWT1501	CWT-1501	24-20	24-20	.64	.60	.56	.54	.48
650-CWT1502	CWT-1502	24-18	24-18	.30	.28	.26	.24	.22
650-CWT1503	CWT-1503	22-20	24-18	.66	.63	.55	.49	.46