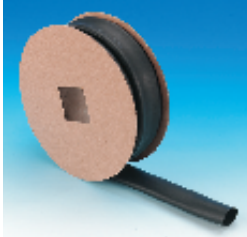


250mm Lengths

Dia.		Mftrs.	Price Per Length					
Nom.	Shrunk	List No.	Order Code	1+	5+	10+	25+	50+
15.3	3.9	HSR-FR 15/4	341-5545					
31.8	6.1	HSR-FR 32/6	341-5557					
44.5	8.0	HSR-FR 45/8	341-5569					
50.8	9.6	HSR-FR 51/10	341-5570					
63.5	12.7	HSR-FR 64/13	341-5582					
76.2	19.0	HSR-FR 76/19	341-5594					
101.6	22.9	HSR-FR 102/23	341-5600					

DR-25 Diesel Resistant - 2:1 Shrink Ratio



tyco / Electronics / Raychem

New

- Flexible, Black elastomer tubing
- Resistant to aviation and diesel fuels, hydraulic fluids and lubricating oils
- Ideal for use where a rugged, fluid resistant tube is necessary
- Long-term fluid and heat resistance
- Protects against abrasion and mechanical damage
- 2:1 shrink ratio
- MIL-DTL-23053/16 (except 1/8 and 3/16), VG 95343 Part 5 Type D, BS 3G-198 Part 3 10A and Def. Stan. 59-97 Issue 3 Type 6B approved

- Minimum full recovery temperature +175°C
- Operating temperature -75°C to +150°C

Mftrs. List No.	Dia.		Spool Length	Order Code
	Nom.	Shrunk		
DR-25-1/8-0	3.2	1.6	10m	341-5478
DR-25-3/16-0	4.8	2.4	10m	341-5480
DR-25-1/4-0	6.4	3.2	10m	341-5491
DR-25-3/8-0	9.5	4.8	10m	341-5508
DR-25-1/2-0	12.7	6.4	7m	341-5510
DR-25-3/4-0	19.1	9.5	5m	341-5521
DR-25-1-0	25.4	12.7	4m	341-5533

CAB678

Price Per Spool

Mftrs. List No.	Order Code	1+	5+	10+	25+	50+
DR-25-1/8-0	341-5478					
DR-25-3/16-0	341-5480					
DR-25-1/4-0	341-5491					
DR-25-3/8-0	341-5508					
DR-25-1/2-0	341-5510					
DR-25-3/4-0	341-5521					
DR-25-1-0	341-5533					

AST-FR Adhesive Sealing - 3:1 Shrink Ratio



tyco / Electronics / Raychem

New

- Semi-rigid, Black polymer tubing with thermoplastic adhesive lining
- Positive splice sealing method offers protection under adverse environmental conditions
- Thermoplastic adhesive provides water sealing and mechanical strain relief
- Provides excellent insulation and abrasion resistance
- Up to 3:1 shrink ratio
- Minimum shrink temperature +90°C

- Flame retardant
- ABS, DNV and Lloyds approved
- Minimum full recovery temperature +121°C
- Operating temperature -55°C to +90°C

Mftrs. List No.	Dia.		Length mm	Nom. Wall Thickness	Order Code
	Nom.	Shrunk			
AST-FR-10/4	10.2	3.9	150	1.5	341-5612
AST-FR-19/6	19.1	5.6	150	2.4	341-5624
AST-FR-43/13	43.2	12.7	300	3.0	341-5636
AST-FR-69/23	68.6	22.9	300	3.9	341-5648
AST-FR-114/45	114.3	44.5	450	3.9	341-5650

CAB677

Price Per Length

Mftrs. List No.	Order Code	1+	5+	10+	25+	50+
AST-FR-10/4	341-5612					
AST-FR-19/6	341-5624					
AST-FR-43/13	341-5636					
AST-FR-69/23	341-5648					
AST-FR-114/45	341-5650					

SCL - Semi-Rigid Encapsulant-Lined 3:1 Shrink Ratio

tyco / Electronics / Raychem



- Semi-rigid encapsulant lined Black polyolefin tubing
- Melttable inner wall creates a moisture resistant encapsulation
- Provides protection against abrasion, vibration and flexing
- Excellent strain relief and insulation of weak areas
- 3:1 shrink ratio
- UL and MIL-DTL-23053/4 approved

- Operating temperature -55°C to +110°C
- Minimum shrink temperature +125°C
- Minimum full recovery temperature +135°C

New

CAB676

1.2m Lengths

Dia.		Mftrs.	Price Per Length					
Nom.	Shrunk	List No.	Order Code	1+	5+	10+	25+	50+
3.2	0.6	SCL-1/8-0	341-5326					
4.8	1.5	SCL-3/16-0	341-5338					
6.4	2.0	SCL-1/4-0	341-5340					
9.5	3.4	SCL-3/8-0	341-5351					
12.7	5.0	SCL-1/2-0	341-5363					
19.1	8.0	SCL-3/4-0	341-5375					
25.4	10.2	SCL-1-0	341-5387					

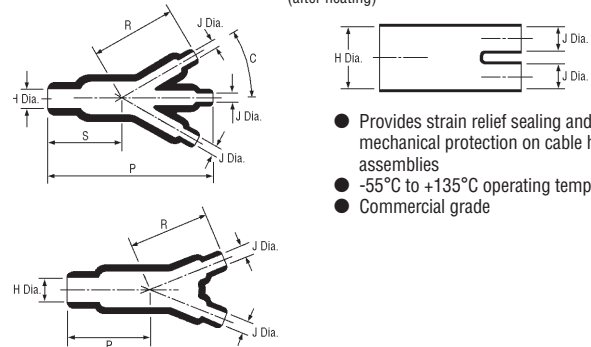
Heat Shrink Moulded Transitions

tyco / Electronics / Raychem

2:1 Shrink Ratio



(after heating)



- Provides strain relief sealing and mechanical protection on cable harness assemblies
- -55°C to +135°C operating temperature
- Commercial grade

Expanded as supplied (min)	H		Recovered after heating (max)		Mftrs. List No.	Order Code
	H	J	J	P		
Y transitions						
13	7	6.1	3.3	22	19	382A012-15-0 769-307
27	13	12.4	6.1	38	43	382A023-15-0 769-319
39	27	18.0	12.4	66	82	382A034-15-0 769-320
3 to 1 transitions						
13	7	6.6	3.6	46	25	462A011-15-0 769-332
27	13	13.2	6.9	93	50	462A023-15-0 769-344

433

Order Code	Price Each			
	1+	100+	250+	500+
769-307				
769-319				
769-320				
769-332				
769-344				

continued