

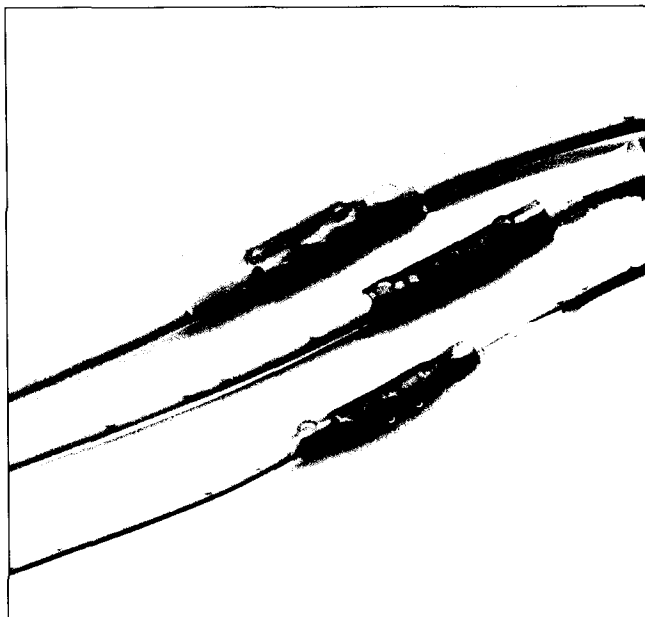
Heat-shrinkable, environmentally sealed, nylon crimp splices

Applications

- Automotive/truck wiring repair and maintenance.
- Automotive accessory installations.
- OEM automotive/truck/RV wire harness fabrication.
- Marine electronics.
- Fleet maintenance.
- Commercial wiring (pumps/pools/spas).

Features/Benefits

- Protects splices from water, condensation, salt and corrosion.
- Provides strain relief.
- Protects against vibration in rugged environments.
- Completely insulates and protects electrical connections.
- Has adhesive lining for protection that is more reliable than conventional splices.
- UL and Lloyds listed.



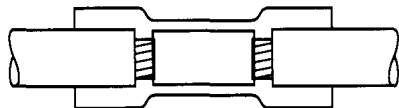
Product Characteristics

Operating temperature	-55°C to +125°C
Shrink ratio	Approximately 2:1
Physical properties	Cut-through resistance: 31.7 kg (70 lb) Wire pullout after crimping and recovery: red: 11.3 kg (25 lb); blue: 22.7 kg (50 lb); yellow: 27.2 kg (60 lb) Not flame-retardant No cracking after heat ageing for 168 h at +160°C
Chemical properties	Solvent resistance: isopropyl alcohol, trichloroethylene, petrol, battery acid, diesel fuel, motor oil, antifreeze, break fluid, 5% salt water
Electrical properties	Dielectric strength: 2500 VAC Insulation resistance: 1000 megaohms

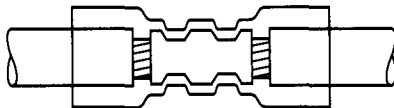
Specifications/Approvals

Series	Agency	Raychem
D-406	UL Listed 91J4, File E87681 Lloyds Listed, File 65 247 HH 02-93	RB-107

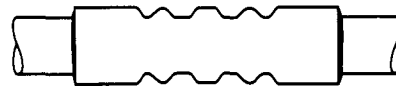
Installation



1. Select splice of appropriate size. Strip wire 7.9mm (5/16 inch). Insert into crimp barrel.



2. Crimp using Raychem AD-1522-T crimp tool for preinsulated crimps.



3. Heat crimped splice with heat gun until tubing recovers and adhesive flows.

For proper installation of these devices the correct heating tool and reflector attachment must be used. The Raychem HL1802E heating tool is recommended.

You will find ordering information for this tool in the Tools and Accessories section of this catalogue.

Refer to Raychem installation procedure RPIP-654-00 for detailed instructions.

Electrical Interconnect Devices

Ordering Information

1. Determine wire size.
2. Select part number.

Wire size		Part number	Pkg	Colour
AWG	mm ²			
22-18	0.5-1.5	D-406-0001 DS-18-22	Bulk Box	Red
16-14	1.5-2.5	D-406-0002 DS-14-16	Bulk Box	Blue
12-10	3-6	D-406-0003 DS-10-12	Bulk Box	Yellow

Packaging

- Bulk plastic bags contain 1000 pieces (blue, red) or 500 pieces (yellow); D-406-XXXX.
- Plastic boxes contain 100 pieces (blue, red) or 50 pieces (yellow); DS- part numbers.
- Other packaging: please consult Raychem or your local distributor.