



RJ45 Strain Relief Boots

Snagless Moulded Boots | For RJ45 Plugs | Red · White · Black · Blue · Grey · Purple



1. GENERAL DESCRIPTION

RJ45 strain relief boots are flexible, snagless moulded boots that slide onto the cable before the RJ45 plug is crimped, then cover the back of the plug once termination is complete. They protect the plug latch from snagging, relieve bending stress at the cable-to-plug junction and give a neat, professional finish to patch cords. Available in six colours for easy identification and colour-coding of networks, ports and services.

2. KEY FEATURES

- Snagless design protects the plug latch and helps prevent catching on other cables
- Flexible strain relief reduces cable bending stress and extends patch-cord life
- Six colours — red, white, black, blue, grey and purple — for network colour-coding and quick identification
- Fits standard RJ45 (8P8C) plugs and Cat5e / Cat6 round cable, [OD 4.8–6.5 mm]
- Soft, durable material, UL 94 V-0 flame rated, with a smooth moulded finish
- Simple to fit: slide onto the cable before crimping, then push over the plug

3. APPLICATIONS

- Finishing custom-made patch cords and equipment cables
- Colour-coding cords by network, VLAN, service, rack position or priority
- Repair and re-termination of RJ45 patch cords in offices, data centres and telecom rooms

4. APPLICABLE STANDARDS & COMPLIANCE

- UL 94 V-0 — Flammability of plastic material [confirm]
- RoHS — [Compliant — Directive 2011/65/EU]
- REACH — [Compliant]

5. CONSTRUCTION & MATERIALS

Material	Flexible [PVC / TPE], UL 94 V-0
Design	Snagless moulded boot with latch cover and tapered strain-relief tail
Fits Plug	RJ45 (8P8C) modular plugs, standard unshielded
Colours	Red, White, Black, Blue, Grey, Purple

6. MECHANICAL & ENVIRONMENTAL

Operating Temperature	[-20 °C to +80 °C]
Storage Temperature	[-40 °C to +80 °C]



Relative Humidity	[10 % to 90 %, non-condensing]
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7. CABLE & PLUG COMPATIBILITY

Cable	Typical Jacket OD	Plug	Notes
Cat5e UTP	[4.8–5.8 mm]	RJ45 8P8C	Standard fit
Cat6 UTP	[5.5–6.5 mm]	RJ45 8P8C	Standard fit
Cat6A UTP / shielded cable	[> 6.5 mm]	RJ45 8P8C	Check boot size; larger boot may be required

8. INSTALLATION GUIDELINES

- Before crimping the plug, slide the boot onto the cable with the wide end facing the cable end — it cannot be fitted after crimping.
- Terminate the cable and crimp the RJ45 plug as instructed.
- Slide the boot forward over the plug body until it seats against the strain-relief area, leaving the latch free to move.
- Do not fit a boot that is smaller than the cable OD or force it, as this can damage the cable jacket.
- Test the patch cord after assembly.