

An **end seal** is a protective cover or sealant used to block the gap between two pipes (such as a carrier pipe inside a larger casing) or to terminate the open end of a wire, cable, or cord. It prevents moisture, dirt, and rodents from entering and causing damage. [\[1\]](#), [\[2\]](#), [\[3\]](#)

Types of End Seals

- **Pipeline Casing Seals:** Typically made of synthetic rubber (like EPDM or Neoprene) or stainless steel, these wrap around the annular space between an underground pipeline and its protective outer sleeve. [\[1\]](#), [\[2\]](#), [\[3\]](#)
- **Heat-Shrink Caps:** Used in electrical and plumbing applications, these are made of cross-linked polyolefin lined with adhesive. When heated with a heat gun, they shrink down to form a tight, waterproof, and insulated bond. [\[1\]](#), [\[2\]](#), [\[3\]](#)
- **Rope and Cord End Seals:** Used to stop high-tech or synthetic ropes from fraying. They are typically created using a combination of fast-drying adhesive and small heat-shrink tubes.