CLAIMS

[Claim 1]

A heat-recoverable component comprising a tube-shaped base material layer having heat shrinkability; and an adhesive layer formed on an inner circumferential surface of the base material layer,

wherein the adhesive layer includes a low-viscosity adhesive portion formed on a region including a midpoint of the base material layer in a length direction,

the adhesive layer further includes two high-viscosity adhesive portions in which one is disposed between the low-viscosity adhesive portion and one opening of the base material layer and the other is disposed between the low-viscosity adhesive portion and the other opening of the base material layer,

the low-viscosity adhesive portion has a shear viscosity of 10 Pa·s or less at a shear rate of 1 s^{-1} at a heat shrinkage temperature of the base material layer,

the high-viscosity adhesive portion has a shear viscosity of 100 Pa·s or more at a shear rate of 1 s^{-1} at the heat shrinkage temperature of the base material layer, and

at the heat shrinkage temperature, a ratio of the shear viscosity of the high-viscosity adhesive portion to the shear viscosity of the low-viscosity adhesive portion is 15,000 or less.

[Claim 2]

The heat-recoverable component according to Claim 1, wherein the low-viscosity adhesive portion contains a polyamide as a main component.

[Claim 3]

The heat-recoverable component according to Claim 1 or 2, wherein the high-viscosity adhesive portion contains, as a main component, a polyethylene, an ethylene-vinyl acetate copolymer, an ethylene-ethyl acrylate copolymer, or a polyamide.

[Claim 4]

An electrical wire bundle comprising:

a plurality of insulated electrical wires bundled; and

a tube-shaped or cap-shaped covering material that covers conductor-exposed portions in the plurality of insulated electrical wires,

wherein the heat-recoverable component according to any one of Claims 1 to 3 is used as the covering material, and

the low-viscosity adhesive portion covers the conductor-exposed portions.

[Claim 5]

An insulated electrical wire-covering method for covering conductor-exposed portions of a plurality of insulated electrical wires, the method comprising:

a step of placing the heat-recoverable component according to any one of Claims 1 to 3 over the plurality of insulated electrical wires so as to cover the conductor-exposed portions; and

a step of heating the heat-recoverable component.

[Claim 6]

The heat-recoverable component according to Claim 1,

wherein the low-viscosity adhesive portion has a midpoint in the length direction,

the base material layer has a midpoint in the length direction, and

a difference between the midpoint of the low-viscosity adhesive portion and the midpoint of the base material layer is 5% or less of an average length of the low-viscosity adhesive portion.

[Claim 7]

The electrical wire bundle according to Claim 4,

wherein the insulated electrical wires comprise a plurality of conductors and insulating coatings that cover the plurality of conductors, and

the low-viscosity adhesive fills gaps between the conductors and gaps between the conductors and the insulating coatings.

[Claim 8]

The electrical wire bundle according to Claim 4,

wherein the covering material is cap-shaped, and

one end of the base material layer is clogged with the high-viscosity adhesive portion.