

OptiSeal

OptiSeal connectors are designed to provide optimal visual assurance of a sealed crimp termination.

Sealed Window Crimp Connectors

OptiSeal offers the following visual assurances:

- Ensures the wire is crimped to connector
- Ensures the center of crimp barrel is properly crimped
- Crystal Clear™ waterproof insulation allows for indisputable inspection of the wire's condition



THE COMPONENTS

Color-Coded Window Butt Connectors:



- Window in center of connector assures that wire is seated properly and that the wire is being crimped to the connector
- Color-coded stripes identify wire gauge size to be used with connector
- Color-coded stripes also indicate/guide the installer to the proper crimp position on the center of the barrel
- Seamless barrel butt connectors ensure superior crimp performance
- Wire-stop in butt connectors prevents over-insertion of wire

CRYSTAL CLEAR™ Adhesive-Lined Heat Shrink Tubing:



- Crystal Clear™ tubing provides optimal clarity for visual inspection
- Adhesive-Lined tubing ensures a waterproof seal
- Wire gauge imprint simplifies wire size identification



Standard connectors do not allow the installer to see the wire which can result in the following problems:

- 1) Wire stripped too short, which can result in crimping the end of the wire (poor termination)
- 2) Wire is not fully seated to connector, which can result in a poor termination



OS55-10



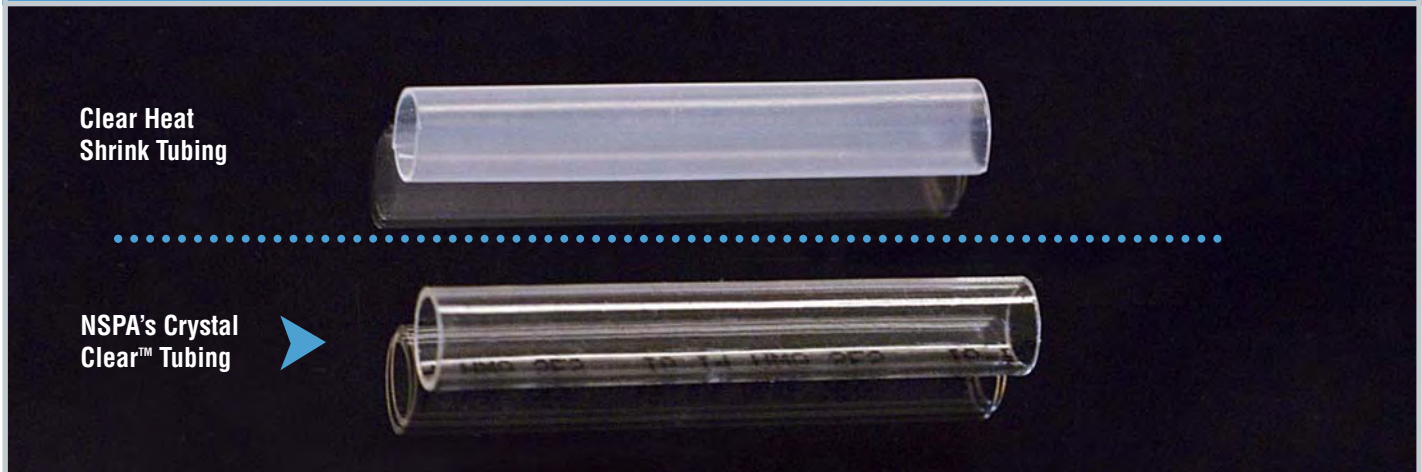
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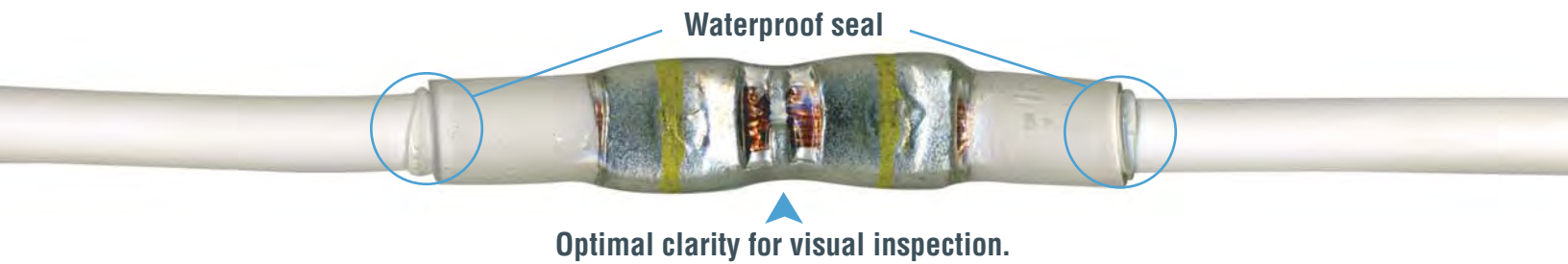
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Crystal Clear™ Adhesive-Lined Heat Shrink Tubing

Is your tubing milky clear or Crystal Clear™ ?



Crystal Clear™ Adhesive-Lined Tubing Provides:



Crystal Clear™ Adhesive-Lined Heat Shrink Tubing Specifications:

Material: Cross-linked ionic polymer

Shrink Ratio: Exceeds 2.5 to 1

Shrink/Recovery Temperature: 90°C (194°F)

Continuous Operating Temp: -55°C to 125°C (-67°F to 257°F)

Flammability: Passed (FMVSS 302 test)

Tensile Strength: 4,000 psi

Longitudinal Change: +1/-10% Max

Dielectric Strength: 750 V/Mil (30KV/MM)

Crystal Clear™ Adhesive-Lined Heat Shrink Tubing Specifications:

NSPA#	Tubing Color	Wire Gauge	Tubing Color	Length	Minimum Expanded ID	Maximum Recovered ID
HST394C-6	Crystal Clear™ Tubing	22-18	Clear	6"	0.176"	0.045"
HST395C-6	Crystal Clear™ Tubing	16-14	Clear	6"	0.250"	0.080"
HST396C-6	Crystal Clear™ Tubing	12-10	Clear	6"	0.365"	0.100"



OptiSeal - Sealed Window Crimp Connectors*



NSPA#	Tubing Color/Stripes on Connector	Wire Gauge	Tubing Color	Length	Type	Seam
OS55-16	Crystal Clear™ Tubing/Red Stripes	22-18	Clear	1.5"	Window	Seamless
OS55-14	Crystal Clear™ Tubing/Blue Stripes	16-14	Clear	1.5"	Window	Seamless
OS55-10	Crystal Clear™ Tubing/Yellow Stripes	12-10	Clear	1.625"	Window	Seamless



*Patent Pending