

Fiber-reinforcing Splice Closure for Non-pressurized Telecommunication Cables



Description:

Fiber-reinforcing Splice Closure adopts high-performance fiber multilayer composite structure. It enjoys high mechanical strength, good cracking resistance and sound heat shrinkable power. RSBJ provides a fast and sample way to seal telephone cable splices in non-pressurized cable.

Features:

- > Suitable for aerial, buried and ducted applications
- > Composite material provides high mechanical strength
- > Range of closures to suit all cable sizes
- > Applicable for polyethylene and metal jacketed cables
- > Hot melt adhesive designed specifically for pressurized closure applications
- Endurable to Climate-aging, chemical resistance, resisting ultraviolet radiation and environment pollution
- > Under the guidance of the white line at the inner part near the metal channel and the indicative paint on the exterior of the products, it can shrink well

Specifications and Dimensions:

Size	Splice Bundle Dia Max.	Cable Dia Min.	Max, Joint Gap
RSBJ 500 43/8-200	43	8	200
RSBJ 500 43/8-300	43	8	300
RSBJ 500 43/8-350	43	8	350
RSBJ 500 75/15-300	75	15	300
RSBJ 500 75/15-500	75	15	500
RSBJ 500 92/30-300	92	25	300
RSBJ 500 92/30-500	92	25	500
RSBJ 500 122/38-350	122	30	350
RSBJ 500 122/38-500	122	30	500
RSBJ 500 160/42-500	160	42	500
RSBJ 500 200/65-500	200	65	500

Test Item	Performance
Air Tightness at Ordinary Temp.	After 3 hours, the interior air pressure does not descent, it is still $35\pm 2\text{KPa}$. Or the sleeves dipped in the water whose temperature is $23\pm 3^\circ\text{C}$, the interior air pressure is $70\pm 2\text{KPa}$, no bled runs over from the sleeves after 15 min.
Temperature Circulation	The range of the temperature circulation is) $-30\sim 60$ ($\pm 2^\circ\text{C}$, the await time at the high and low temperature should not be less than 4 hours. The circulation should be done 10 times. The interior air pressure of the sleeves is $35\pm 2\text{KPa}$. After the test, the test of air tightness at ordinary temperature should pass muster.
Air Tightness at High Temp.	At the temperature of $60\pm 2^\circ\text{C}$, keep the interior air pressure of the sleeves at $35\pm 2\text{KPa}$ for 168 hours. After the test, the test of air tightness at ordinary temperature should pass muster.
Axial Tension	Interior air pressure of the sleeves, $35\pm 2\text{KPa}$, given pull along the axis $D/45\times 700\text{N}$, the biggest, $700\pm 10\text{N}$. After the test, the test of air tightness at ordinary temperature should pass muster.
Bend	Deflexion of the cable, 30° . The biggest force added towards the cable, 500N . Interior air pressure of the sleeves, $35\pm 2\text{KPa}$. Times of circulation, 2. After the test, the test of air tightness at ordinary temperature should pass muster.
Torsion	Rotation of the cable, 90° . The biggest moment, $50\text{N}\cdot\text{m}$. Interior air pressure of the sleeves, $70\pm 2\text{KPa}$. Times of circulation, 2. After the test, the test of air tightness at ordinary temperature should pass muster.
Static Load	Load, $1000\pm 10\text{N}$. The area of the round sample, 5cm^2 . Impact the top and the bottom once apiece. Interior air pressure of the sleeves, $35\pm 2\text{KPa}$. After the test, the test of air tightness at ordinary temperature should pass muster.

Impact at Low Temp.	Interior air pressure of the sleeves, $35\pm 2\text{KPa}$. Time of the pretreatment at the temperature $-15\pm 2^\circ\text{C}$, 4h. Weight of the steel ball, 500g. The ball is 1m over the sleeves. Impact both ends and the middle of the sleeves once apiece. After the test, the test of air tightness at ordinary temperature should pass muster.
Vibration	Vibration Frequency, 10Hz. Swing, 3mm. Vibrate at two directions who are vertical, 72h. Interior air pressure of the sleeves, $35\pm 2\text{KPa}$. After the test, the test of air tightness at ordinary temperature should pass muster.
Anti-crazing with The Change of The Environment Temp.	Interior air pressure of the sleeves, $35\pm 2\text{KPa}$. Immersing the sleeves in $50\pm 2^\circ\text{C}$ IgepalCO-620 whose concentration is 10%. Last for 7 days. After the test, the test of the air tightness at ordinary temperature should pass muster. No crack with normal eyesight.
Acid, Alkali, Aalt, Aicrobe and Oil Protection	Pass

Copper Cable Joining Accessories Kits

