



J. M. Engineering Co.

A collage of images related to electrical engineering and insulation, including various colored heat shrink sleeves, a white airplane, a modern building, rolls of yellow and green heat shrink insulation, and a green printed circuit board (PCB) with components.

PRODUCTS

A light gray world map is visible in the background of the central section.

Heat Shrink Sleeves

Heat Shrink Insulation Connectors



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SBRS- DZ

Heat Shrink Insulation Connectors

Crystal clear, semi-rigid, adhesive lined tubing with integral solderless splice connector



Features

- Exceptional clarity for visual confirmation of seal
- Seal & protects against water, corrosive compounds, moisture & contaminants
- Tough, durable heat shrink tubing resists abrasion, crimp tool damage & splitting
- Shrinks 40% faster than nylon, preventing.
- Inner adhesive bonds to plastics, rubbers & metals
- Meets & conforms to OEM wiring specifications for installation & repairs
- Continuous operating temperature: -45 - 125
- Minimum shrinking temperature: 80

Dimensions

Code	Size		Tube Diameter			Color	Standard Package
	AWG	mm ²	Expanded Min(mm)	Recovered Max(mm)	Length (mm)		
SBRS-DZ-1	22-18	0.5-1.0	4.8	1.2	35.0	red	1000pc/bag
SBRS-DZ-2	16-14	1.5-2.5	5.5	1.4	35.0	blue	1000pc/bag
SBRS-DZ-3	12-10	4.0-6.0	6.5	1.5	42.0	yellow	500pc/bag

Technical Data

Property	Test Method	Standard	Typical Performance
Tensile Strength(MPa)	ASTM D2671	14	16
Elongation(%)	ASTM D2671	300	450
Tensile Strength after aging (MPa)	UL224 158 X168hr	7.3	15
Elongation after aging(%)	UI224 158 X168hr	200	350
Dielectric strength(kV/mm)	IEC 60243	15	17.5
Volume resistivity(.cm)	IEC 60093	1X10 ¹⁴	2.5X10 ¹⁴

Adhesive

Property	Test Method	Standard
Water Absorption	ASTM D570	0.5%
Softening Point()	ASTM E28	95± 5
Strength of peeling(PE)	ASTM D 1000	120N/25mm
Strength of peeling(AL)	ASTM D 1000	80N/25mm