HSP I—Jumbo Tubing

Features & Benefits

- Reduce bus bar clearance requirement
- Give designer more freedom in designing switchgear cabinets when space is premium
- Protects against accidental flashover up to 1kV
- Protects against corrosion dirt and other contaminants that may cause accidental flashover
- Halogen free
- Flame resistant with oxygen index higher than 27
- Available in continuous length for convenient and economical installation



Standard Colours & Colour Codes

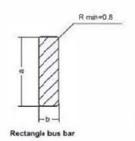
Black - 0

Applications

Bus bar insulation and protection. In switchgears cabinets where space is limited and air spacing between bus bars need to be kept at minimal.

	Test Method	Typical Value
Density	ASTM D2671	1.3~1.35
hennal endurance	IEC 216	105°C
ensile strength	ASTM D2671	>12Mpa
Iltimate elongation	ASTM D2671	>400%
Accelerated ageing 168hrs at 136°C ensile strength Ultimate elongation	ASTM D2671	>12Mpa >300%
ow temperature flexibility 4hrs at -40°C	ASTM D2671	No cracking
leat shock 4hrs at 200°C	ASTM D2671	No drop / no flow
lammability	ASTM D2863	OI>30
Smoke index	I.	Less than 120
Dielectric strength	ASTM D2671	>20kV/mm
olume resistivity	ASTM D2671	>1014Ω.cm
Vater absorption 336hrs at 23°C	ASTM D570	<0.5%
Resistance to selected fluids 168hrs at 3°C ensile strength Ultimate elongation	IEC 60684-2	>8 Mpa >250%
Copper corrosion 158°C for 168hrs	IEC 60684-3	Pass
ong term ageing 3000hrs at 120°C Elongation at break	IEC 60684-2	>175%
Colour fastness to light	IEC 60684-3	Contrast between exposed and unex- posed parts. The colour does not change

	~ Min a+b Max ~ Min d (mm) (mm)			Min. Thick- ness for 1kV Shrink on The Bus Bar (mm)	Stan- dard Length (m/roll)	Ordering Description
130	70	90	55	0.8	25	HSP1-120.0/60.0-0-SP
165	85	100	55	8.0	25	HSP1-150.0/75.0-0-SP
195	130	130	75	1.0	25	HSP1-180.0/90.0-0-SP
260	175	160	110	1.0	25	HSP1-230.0/115.0-0-SP





Round bus ba