



## BIRMINGHAM SPECIALITIES

# SILICONE SLEEVING

Birmingham Specialities Silicone Sleeve is the perfect option for applications requiring a clip with resistance to high temperatures up to 200°C while maintaining generally good mechanical and electrical properties.

Silicone sleeving can be supplied in its natural transparent colour with options for a range of alternative colours at request.



### MECHANICAL PROPERTIES

Operating Temperature	-65°C to +200°C
UV Resistance	Excellent
Electrical Insulation	Excellent
O-Zone Resistance	Good
Abrasion Resistance	Good
Water Absorbtion	1.0%
Steam Resistance	Good

### TYPICAL PROPERTIES

Hardness	60 Shore
Tensile Strength	10.4N/mm <sup>2</sup>
Elongation	470%
Specific Gravity	1.14g/cm <sup>3</sup>
Tear Resistance	21N/mm
Impact Resistance	58%
Compression Set	35%

### ENVIRONMENTAL PROPERTIES

Rate of Flame Spread	Medium
Toxicity	Low

### CHEMICAL PROPERTIES

Fuel/Oil	Medium
Alcohol	Good
Sulphuric Acid - 10%	Good
Sulphuric Acid - Concentrated	Poor
Ammonia - 10%	Medium
Ammonia Liquid	Medium