



BIRMINGHAM SPECIALITIES

FLOUROSILICONE SLEEVING

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

In addition to this flourosilicone has an exceptional resistance to most oils, fuels and solvents that negatively effect standard silicone.



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 ²
Elongation	470%
Specific Gravity	1.14g/cm ³
Tear Resistance	21N/mm
Impact Resistance	58%
Compression Set	35%

ENVIRONMENTAL PROPERTIES

Rate of Flame Spread	Medium
Toxicity	Low

CHEMICAL PROPERTIES

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