



## BIRMINGHAM SPECIALITIES

# EPDM

### SLEEVING

Birmingham Specialities EPDM Sleeving (Ethylene Propylene Diene Monomer) is the perfect choice for applications requiring excellent heat, o-zone, sunlight and UV weather resistance.

As well as its excellent electrical insulating properties, EPDM also exhibits good resistance to polar substances, steam, hot and cold water as well as satisfactory performance to ketones and diluted acids, alkalines and fire-proof hydraulic fluids.



### MECHANICAL PROPERTIES

Operating Temperature	-30°C to +120°C
UV Weather Resistance	Good
O-Zone Resistance	Excellent
Abrasion Resistance	Satisfactory
Resistance to Creep	Good
Water Absorbtion	1.10%

### TYPICAL PROPERTIES

Hardness	70 Shore
Tensile Strength	7Mpa Min
Elongation at Break	400%
Change in Hardness	+10 Max
Change in Tensile	-25% Max
Change in Elongation	25%
Compression Set	35% Max

### ENVIRONMENTAL PROPERTIES

Rate of Flame Spread	Medium
Toxicity	High

### CHEMICAL PROPERTIES

Mineral Oils	Poor
Isopropyl Alcohol IPA	Good
Sulphuric Acid - Dilute	Good
Sulphuric Acid - Concentrated	Moderate
Ammonia - 10%	Good
Ammonia Liquid	Good
Varnish	Poor

Material Specification to ASTM D2000, 4AA, 7070, A13, B33