



# **WILLIAM JOHNSTON**

## **& COMPANY LIMITED**

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### Flame Retardant / Low Smoke Silicone Rubber **SP800/70**

SP800/70 is a range of flame retardant / low smoke silicone rubber. It has been developed to meet the stringent flame temperature index requirements for the mass transit industry. This rubber complies with Category 1a fire performance requirements given in BS 6853:1999 and can be used in exterior applications up to 2Kg and in interiors up to 500g.

Transport for London Underground Products Register ID 2605

#### Product Data

Excellent resistance to weathering / UV

Flame retardant, self extinguishing

Low smoke, low toxicity

Zero halogen

This material conforms to:

- BS 6853 Category 1A
- LUL R.M.E. 716 Iss. B
- LUL 1-085
- LUL 2-01001-002 (E1042A6)
- JAR25.853 (B)
- UL 94 V0 / V1



Properties	Value
Shore Hardness (Shore A)	70°
Elongation at break (%)	270
Tensile Strength (Mpa)	9.0
Temperature Max (°C)	+250
Temperature Min (°C)	-55
Tear Strength (Mpa)	15
Rebound Resilience (approx. %)	47
Linear Shrinkage (approx. %)	1.8

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