

NMSS50FR / NMSS70FR

Material Description:

High and low temperature resistant, fire retardant solid silicone. NMSS50FR is 50 shore hard and NMSS70FR is 70 shore hard. The materials meet ABD0031 and FAR 25-853(a)(1)(ii) and both can be moulded in sheets, which can then be cut into gaskets. Both materials can be extruded to drawings.

Our standard colour is white. Some other colour matches are also possible.

Property	Typical Value	
	NMSS50FR	NMSS70FR
Durometer (Shore "A") ISO 7619-1	50	70
Tensile Strength ISO 37 Type 2	8000 kPa	6000 kPa
Elongation at break ISO 37 Type 2	300%	150 %
Compression Set 70 hrs, 150°C ISO 815 Type B	Max 50%	Max 50%
FAR 25.853 (a)(1)(ii) on 2 mm thick moulded sheet	pass	pass
Tear Strength ISO 34-1 Type C	13 N/mm	10 N/mm

Product Features

- **Broad Temperature Range**
- **Good Physical Properties**
- **Fire Retardant**

Approved to

- **ABS 5751B & AIMS 04-07-003 (NMSS50FR)**
- **ABS 5751C & AIMS 04-07-006 (NMSS70FR)**