

Neoprene Sponge Foam Black Cord

Applications

Can be used in various sealing applications such as:

- UV
- Ozone
- Air & Water sealing
- Ideal for most outdoor environments

Features & Benefits

- Used by many industries including construction, marine and electronics
- Closed cell material allowing no ingress of any water, dust or air through or into it
- Temperature prevail of +85 C to -30 C meaning our neoprene sponge cord is ideal for most outdoor environments



Product information

Neoprene sponge cord is a general-purpose sponge cord used in various sealing applications. It is soft and compressible and can be supplied in coils or cut lengths. Neoprene sponge cord can also be supplied as an alternative to foam backer rod.

It is an ideal sealing material for applications including UV, ozone and air and water sealing. It is a closed cell material allowing no ingress of any water, dust or air through or into it. With a temperature prevail of +85 C to -30 C our neoprene sponge cord is ideal for most outdoor environments.

Neoprene Sponge Cord is supplied to many industries including construction, marine and electronics. It is an ideal sealing material for many applications: UV, ozone, air, water sealing. It is a closed cell material allowing no ingress of fluids, dust or air to go through or into it. Easy to fit, its compression characteristics make it ideal for sealing gaps or voids, in both indoor or outdoor environments.

Test	Item	Conditions	Data	Spec	Frequency
Moony Viscoity	MV	ML (1 +4) @ 100 °C			1 PER 3 Batch- es
Moony Scorch	MV		43	40-50	
	T5 (sec)	MS @ 130 °C	3.2	2.5-3.5	1 PER 3 Batch- es
	T35 (sec)		5.02	4 6	
MDR	ML dN/m		2.02	1.8-2.2	
	MG dN/m		12.08	11.0-13.00	
	T2 (min)	4 '@ 177°C	0.45	0.35-0.55	Every Batch
	T50 (min)		0.77	0.65-0.85	
	T90 (min)		2	1.8-2.2	
Physical	IRHD	Cured sample		-	1 PER 3 Batch- es
	S.G.			xx +/-0.02	1 PER 3 Batch- es

Neoprene Sponge Foam Black Cord, Closed Cell Rubber

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Chemicals & Physical Resistances

Resistance to:	Result
AIR OVEN (UP TO 80°C)	GOOD
FLAME	UNSATISFACTORY
WEATHER	VERY GOOD
OZONE	SATISFACTORY
LOW TEMPERATURES (STIFFENING)	SATISFACTORY
COLD BRITTLINESS (-35°C)	GOOD
ANIMAL/VEGETABLE OILS	VERY GOOD
ALIPHATIC HYDROCARBONS	SATISFACTORY
MINERAL OILS	GOOD
AROMATIC HYDROCARBONS	UNSATISFACTORY
CHLORINATED SOLVENTS	UNSATISFACTORY
KETONES	UNSATISFACTORY
ACIDS	UNSATISFACTORY
ALKALIES	SATISFACTORY
WATER	SATISFACTORY

Specifications

Technical characteristics	Method	Compound
Density	ASTM D 3575- B g/cm ³	0,470+/- 0,050
Compression deflection	ASTM D 1056 MPA	0,200 MAX
Compression set, reading after 24 hr strain 50 % 22 hrs at 23°C	ASTM D 1056 X	25,000 MAX

Size Guide

DIA (MM)	Coil (MTRS)	Product Code	S.G G/CM ³
2.5	1,000	NSC/2.5	0.4
3	500	NSC/3.0	0.4
4	500	NSC/4.0	0.35
5	500	NSC/5.0	0.35
6	500	NSC/6.0	0.35
8	200	NSC/8.0	0.35
9.5	200	NSC/9.5	0.35
12	50	NSC/12.0	0.35
13	50	NSC/13.0	0.35
15	50	NSC/15.0	0.35
19	20	NSC/19.0	0.35
25	25	NSC/25.0/25MTRS	0.35

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