

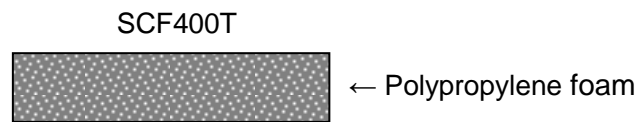
SCF(Super Clean Foam)

SCF400T

Outline

SCF400T is polypropylene foam material with or without adhesive, which can be used as dust-proof, buffer, shock absorber, and light shield materials. This application is mainly for display gasket and shock absorber of electric appliances, communication equipments and other electronic equipments.

Construction



Features

- As SCF400T is the thinner-foam, it shows excellent flexibility even if it is used in a very narrow clearance.
- Thanks to its low compression stress, it will not deform the structures after application.
- It shows excellent conformability to gaps with bumps or curved surfaces.
- The environment impact material is not used and it has almost no impurities, which might contaminate the equipments.
- Due to the stiffness secured by its unique micro-cell structure, it shows excellent process ability and workability.

Application

- Electric appliances, electronic equipments: Dust-proof display gasket and lens buffer for digital camera and digital video recorder.
- Communication equipment: Dust-proof display gasket and camera lens buffer for mobile phone.

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Standard Size

Table-1

Thickness (mm)	Width (mm)	Length (M)
0.20	500	100

*For other sizes, please contact us.

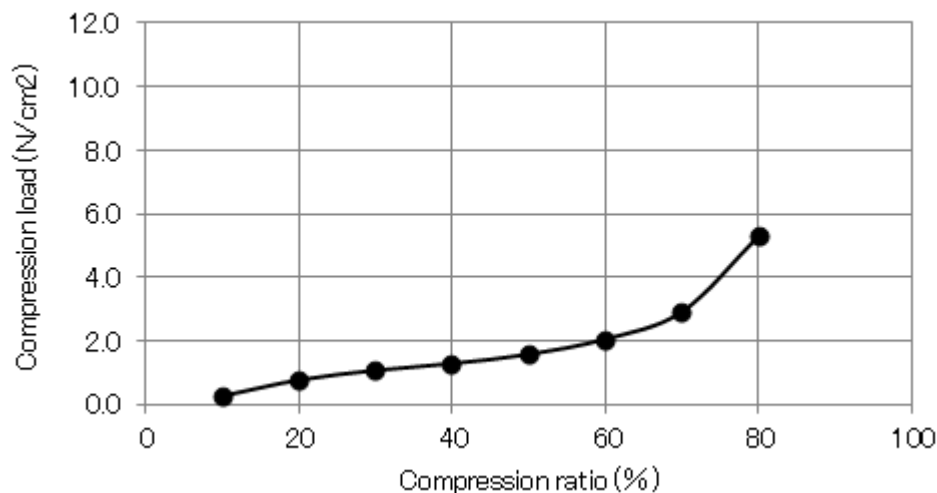
Properties

- Properties of Foam
 - (1) General Properties

Table -2

Property		Unit	Values	Test method
Thickness		mm	0.20	JIS K 6767
Density		g/cm ³	0.060	
Compression Load	10%	N/cm ²	0.28	
	20%		0.78	
	30%		1.08	
	40%		1.30	
	50%		1.59	
	60%		2.07	
	70%		2.93	
	80%		5.31	

- (2) Compression Ratio vs. Compression Load



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Precautions

- Please store it in the packing form when it is shipped.
- Keep the products away from high temperatures and humidity, and store them in a dark cool place avoiding direct sunlight.
- You should perform the test yourself to make sure the product is capable of the application.

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