SCF（Super Clean Foam）

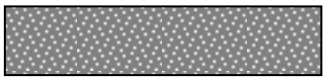
SCF400TT

Outline

SCF400TT is polypropylene foam material, which can be used as dust-proof, buffer, and shock absorber materials. This application is mainly for display gasket and shock absorber of electric appliances, communication equipments and other electronic equipments.

Construction

SCF400TT



← Polypropylene foam

Features

- As SCF400TT 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.

Standard Size

Table-1

Thickness (mm)	Width (mm)	Length (M)
0.10/0.15	450	100

*For other sizes, please contact us.

Properties

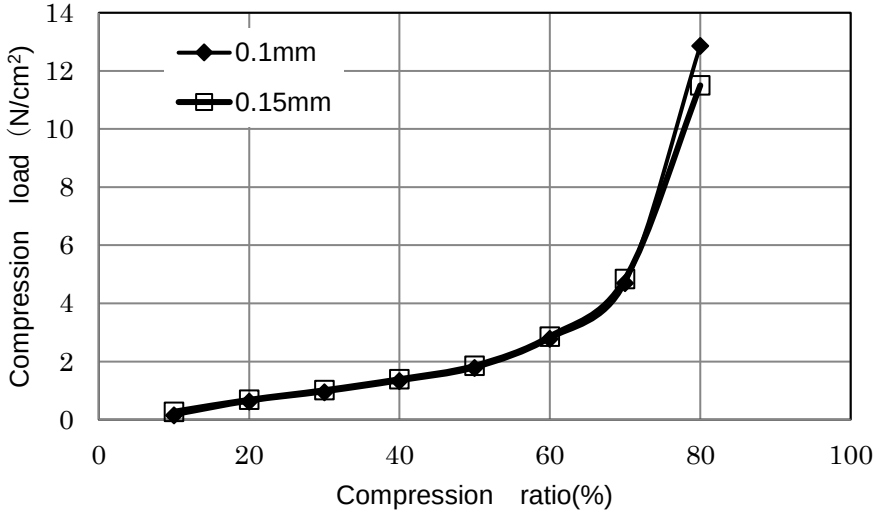
● Properties of Foam

(1) General Properties

Table-2

Property		Unit	Values		Test method
Thickness		mm	0.10	0.15	JIS K 6767
Density		g/cm^3	0.130	0.095	
Compression Load	10%	N/cm^2	0.15	0.27	
	20%		0.62	0.68	
	30%		0.94	1.01	
	40%		1.32	1.39	
	50%		1.77	1.85	
	60%		2.78	2.86	
	70%		4.69	4.84	
	80%		12.86	11.50	

(2) Compression Ratio vs. Compression Load



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.