

## PORON® ThinStik™ Foams Sell Sheet

### FAMILY OF SELF-ADHESIVE SOLUTIONS

**NEW to the Family!**

#### PROTECTION

##### PORON ThinStik ShockSeal™ Foam: 79TS1-09021

Protects against damage in intense impacts.

Compressibility



Tear Strength



Shock Absorption



#### PROCESSABILITY

##### PORON ThinStik Foam: 92TS1-09020

Winning combination of compressibility and strength.

Compressibility



Tear Strength



Shock Absorption



**NEW to the Family!**

#### PERFORMANCE

##### PORON ThinStik Foam: 92TS1-12020

Good compressibility, strength and impact protection.

Compressibility



Tear Strength



Shock Absorption



#### LOW PUSHBACK

##### PORON ThinStik Soft Seal Foam: 15TS1-06021 Material

Excellent compressibility, thinnest gap filler.

Compressibility



Tear Strength



Shock Absorption



#### PLIABILITY

##### PORON ThinStik Soft Seal Foam: 15TS1-06030 Material

Greater gap filling across a wide range of manufacturing tolerances.

Compressibility



Tear Strength



Shock Absorption



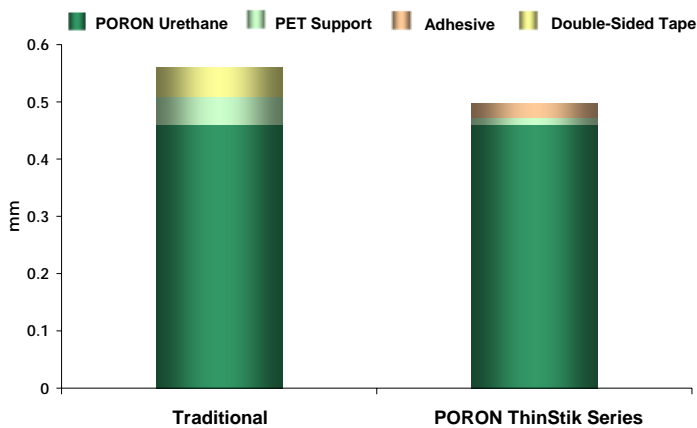
# PORON® ThinStik™ Foams Sell Sheet

## FAMILY OF SELF-ADHESIVE SOLUTIONS

As handheld devices decrease in size and increase in functionality, achieving the proper balance of sealing and protection with the requirements of an ultra thin application can be an extreme design challenge.

To help address this growing need, Rogers Corporation has specifically engineered the PORON ThinStik family of self-adhesive solutions.

### Product Construction



### THINNEST CONSTRUCTION

Rogers' unique process eliminates extra, incompressible layers of adhesive and PET, which equates to a lower compression force requirement for gaskets with similar thickness.

The compressibility that results from this space-saving process can be observed in the graph to the right.

### ONE FAMILY, ONE SOLUTION

The PORON ThinStik family of materials is an all-in-one solution that combines:

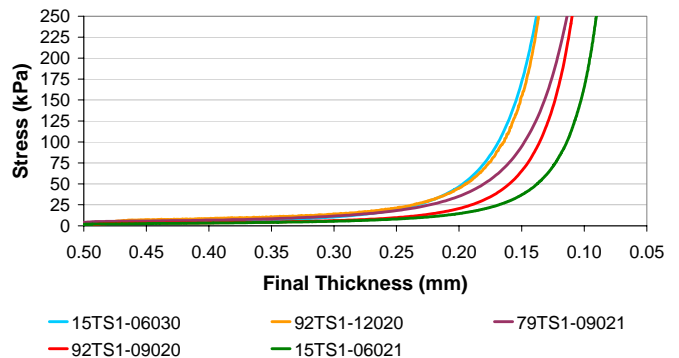
- Highly compressible PORON Foam
- Pressure sensitive adhesive layer

This innovation enables higher compressibility for ultra thin device applications and ensures reliable sealing performance for gaps as thin as 0.1mm.

### LONG TERM PROTECTION AND SEALING

Due to its high compression set resistance, PORON ThinStik materials bounce back so gaskets hold their shape and seal for prolonged periods, effectively blocking contaminants and extending product life.

### Compressibility Comparison: All ThinStik Materials



### Have a gap to fill?

Visit the Rogers Gap Filling Tool:  
[www.rogerscorp.com/gapfillingtool](http://www.rogerscorp.com/gapfillingtool)

### Make an Impact!

Visit the Rogers Impact Prediction Tool:  
[www.rogerscorp.com/impactprediction](http://www.rogerscorp.com/impactprediction)