

PORON® 40V0 Foam

Advancements in technology are driven by innovative materials that solve challenges while still providing best-in-class product performance. Today, the need for higher flame-rated materials to meet more stringent applications is a common challenge across markets.

PORON® 40V0 polyurethane foam is specifically designed to meet these challenges, offering superior performance, stringent flammability compliance, and cost effectiveness.

Key Material Attributes:



UL 94 V-0 flame rated



Produced with non-halogenated flame retardants*



Superior compression set resistance for long term performance

*International Electrotechnical Commission (IEC) defines "halogen-free" as containing <900 ppm chlorine or bromine, and <1500 ppm total halogens, as outlined in standard IEC 61249-2-21

**ASTM F2466-10 (non-detected limit = 5 ppm)

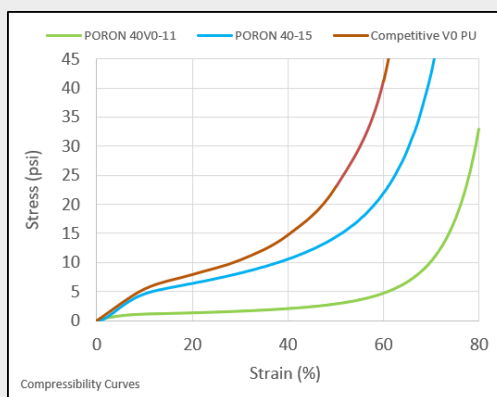
Siloxane Free**:

The chemistry of PORON 40V0 polyurethane ensures the material is D3-D10 siloxane free. While matching the flame performance of many silicone grades PORON 40V0 foam provides an advantage by mitigating the risk of siloxane migration around sensitive electronics.



Gap Filling / Cushioning:

PORON 40V0-11 foam (11-lb/ft³ or 176-kg/m³) offers an ultra-soft, highly compressible product ideal for gap filling and cushioning applications.



Sound Absorption (Low Frequency):

The superior sound absorption of PORON 40V0 foam at low frequencies enables more acoustic energy absorption and aids in mitigating acoustic noise and resonance.

