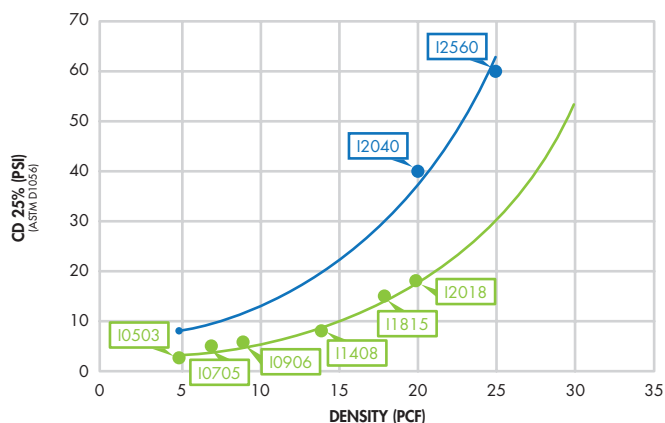


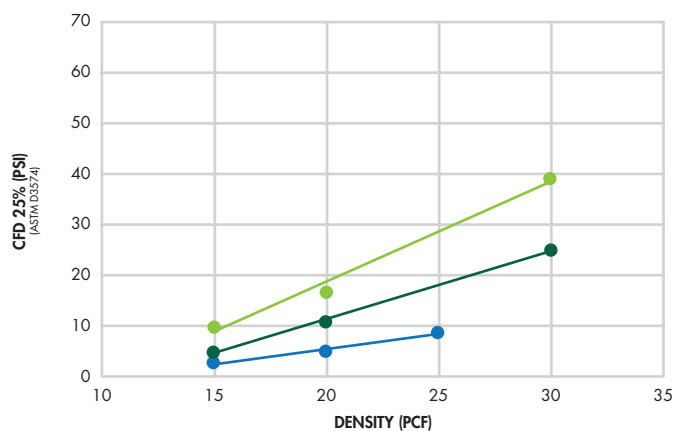
I-Series is a portfolio of flexible polyurethane foam, characterized by exceptional high temperature compression set performance while maintaining excellent tensile, tear and elongation properties. These materials were developed for use in a diverse set of applications that include transportation, construction, footwear and industrial markets.

I-Series provides a cost effective alternative to mechanically frothed foams. Through systematic process and formulation technologies, I-Series foams can be readily produced at any point along the compositional trend lines ranging in densities from 5 to 30 pcf at thicknesses ranging from .063 to exceeding 1 inch. Thickness options from alternative technologies such as froth foams are typically limited to specific density and firmness options.

I-SERIES FORMULARIES

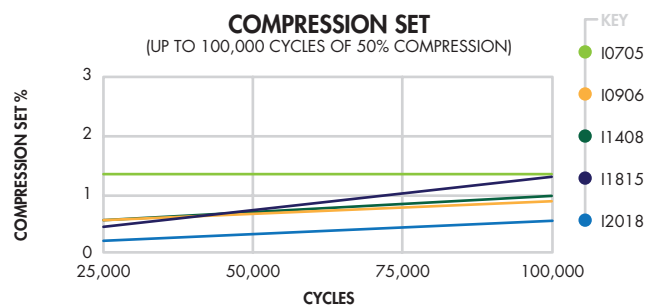


COMPETITIVE FROTH FOAM FORMULARIES

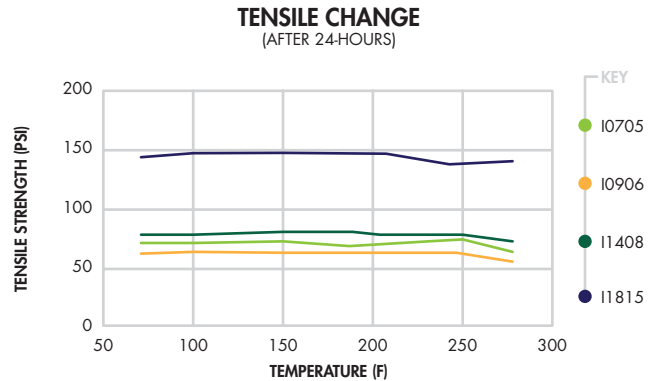
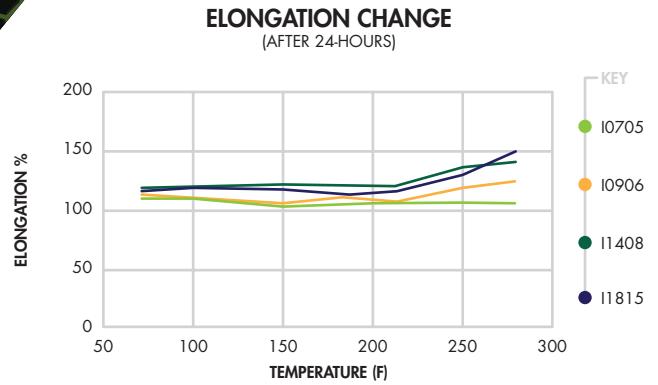
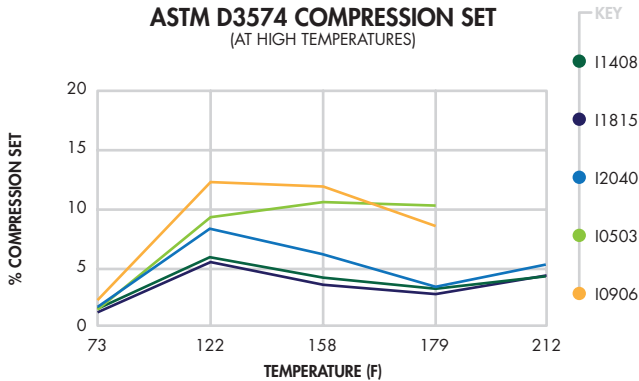


COMPRESSION FATIGUE

The most visible signature of fatigue is compaction – the material fails to recover to its original thickness after compression. This is called compression set. Compression set is the result of plastic deformation of cell walls and the reduced resilience of damaged cells. I-Series performance is exceptional with very minimal compression set or degradation of cells. I-Series is an excellent choice for demanding



I-Series maintains excellent compression set results while maintaining tensile strength and elongations at elevated temperatures.



HYPUR-CEL I-SERIES TYPICAL PROPERTIES

Property	Density	CD 25%	CFD 25%	Compression Set		Tensile Strength	Elongation	Tear Strength	Resilience
Method	ASTM D3574	ASTM D1056	ASTM D3574	ASTM D1056	ASTM D3574	ASTM D3574	ASTM 3574	ASTM D624	ASTM D2632
Units	pcf	psi	psi	%	%	psi	%	lb/in	%
I0503	5	3	1.3	1.4	10	35	100	5.6	25
I0705	7	5	3	2.3	17	65	100	8.1	28
I0906	9	6	3	1.8	10	65	115	8.6	26
I11408	14	8	5	1.2	4.3	80	125	10.5	34
I11815	18	15	10.5	1.3	3.8	110	130	14.7	32
I2018	20	18	12.5	1.4	3.5	125	115	15.9	34
I2040	20	40	23.1	1.8	5	225	100	26	26
I2560	25	60	34.4	2.3	6	290	100	30	26

Product Availability

60" wide rolls in 50' and 100' lengths skived to custom thicknesses.

Available with PSA or laminated fabrics.

Available with a multitude of functional additives including antimicrobials and fire retardants.

Standard color is black, other colors are available including custom options depending on volumes.

CURRENT AUTOMOTIVE

I0906 WSS-M99P32-D1, GMW16750 Type 3J

I11408 WSS-M2D496-A3-5, GMW14196 Type 2/3, GMW16750 Type 5

I11815 GMW16750 Type 6