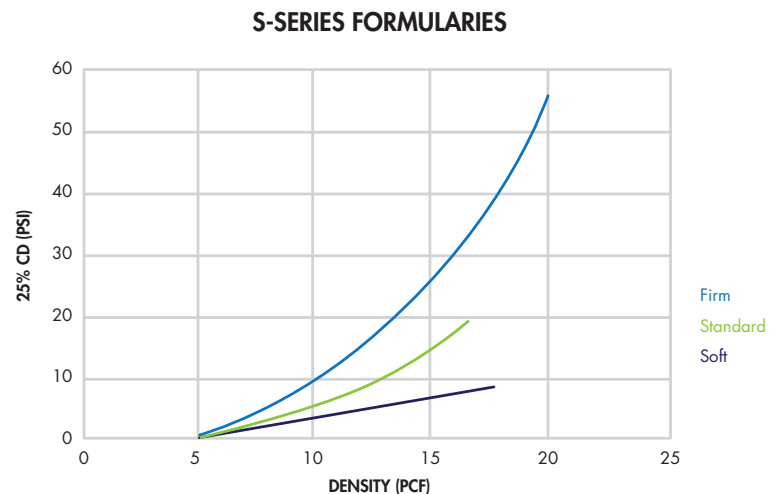


S-Series is Rubberlite's flagship family of flexible polyurethane foam characterized by exceptionally high tensile, stretch, and tear properties with optimal breathability for comfort applications. These products can be used in a broad spectrum of applications including orthopedic soft goods, elastic strapping, and industrial applications where robust tensile, tear and elongation properties are required.

HyPUR-cel[®] S-Series is readily available in a number of standard grades. Numerous specialty and engineered derivatives are readily available within the boundaries of the compositional trend lines. These products range from very soft to very firm, with densities from 5 to 25 lbs/ft³ (80 to 320 kg/m³).

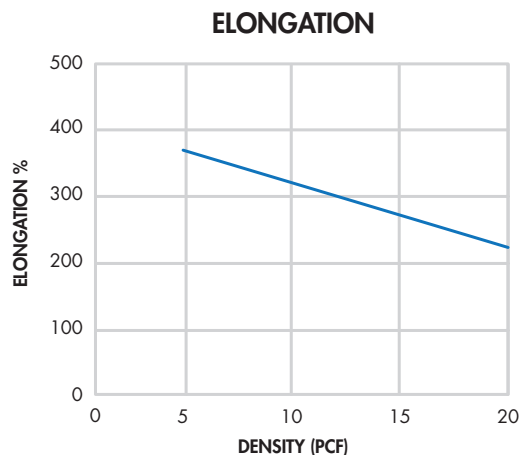
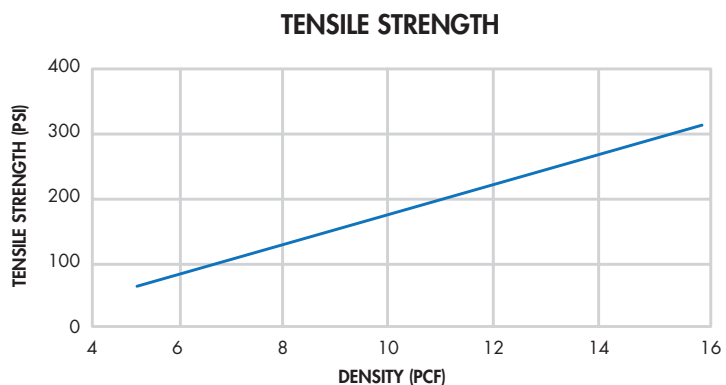
KEY CHARACTERISTICS

- Breathable
- Thermoformable
- Low compression set
- High stretch
- Dimensionally stable
- REACH compliant
- ROHS compliant
- Flame lamination capable



S-Series is known for exceptional tensile and elongation properties. Tensile strength correlates proportionally and predictively with density allowing designers to select optimum products for specific applications. In turn, the predictive characteristics enable Rubberlite to develop and optimize specific products for specific applications.

Elongations are maintained over broad ranges of tensile and density, providing significant latitude for design and application optimization.



HYPUR-CEL S-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 D624	ASTM D2632
Units	pcf	psi	psi	%	psi	%	lb/in	%
S0501	5	1	.75	6.1	75	328	11	6
S0702	7	2	2	2.5	100	340	15.5	15
S1005	10	5	3.7	2	140	305	21.8	18
S1203	12	3	5	2.2	110	365	19.6	28
S1420	14	20	12.3	3	275	275	40	22
S1630	16	30	18.3	4.5	325	290	60	28

Product Availability

Standard 60" wide rolls with capabilities to produce in various widths.
 Available in 50' and 100' lengths, skived to custom thicknesses.
 Available with adhesives, laminated fabrics, films, custom coatings.
 Various color options available with capability to custom color match.
 Specialty additives such as anti-microbial and flame retardants are available depending on market opportunity and volume.