

### Technical Data Sheet

#### Foam | Reticulated Urethane | 1793

Our 1793 reticulated polyurethane foam has a density of 1.8 PCF / 28.8 kg/m<sup>3</sup> product. This material has a regular cell structure, with a 28 PPI count. This product contains additives to hinder microbial growth and degradation; meets RoHS and Reach.

Item	Specs		Test Method
Grade			
Density (PCF) (kg/m <sup>3</sup> )	1.6 – 2 PCF 25.6 – 32 kg/m <sup>3</sup>		ASTM D 3574
Indentation Force Deflection 25% deflection 65% deflection	50 lbs / 50 in <sup>2</sup> 100 lbs / 50 in <sup>2</sup>		ASTM D 3574
Shore Hardness OO (Durometer)			
Compression Set (%) @50%			ASTM D 3574
Tensile Strength (psi)(kPa)	18 psi min 124 kPa		ASTM D 3574
Elongation (%)	120		ASTM D 3574
Tear Strength Resistance (lb/in)	5		ASTM D 3574
Water Absorption by Weight (%)			
Accelerated Age Testing: Retention of Tensile Strength after 3 hours, 105°C, steam autoclave	70% min		ASTM D 3574
Service Temperature (°F)(°C) Low High Continuous High intermittent	°F	°C	ASTM D 3574
Flame Resistance			
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	UL900, Class 2		

REV. 007  
 REV. DATE: 09/30/18  
 ISO 9001:2015 • ISO/IEC 17025:2017

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