

Volara Type A

Volara Type A foam is general purpose cross-linked LDPE foam with an excellent chemical and physical resistance that is ideal for economy-driven applications in various different industries including transportation, general industrial, industrial tape, recreation and leisure, and medical. Type A contains FDA compliant materials and is available for food contact, will thermoform and can be compression molded. It is also an option for single- and double-coated PSA foam systems and can be laminated to create boards as thick as 2". Type A is generally smooth and flexible, lightweight and durable, and therefore appropriate for a wide range of uses.

Some of the uses of Volara Type A products are:

- Flooring underlay
- Bottle cap liners
- Construction gap filler
- Industrial tape
- Industrial gaskets
- Medical Tape and Healthcare
- Custom packaging
- Recreation and Leisure

Physical Properties	Unit	Test Method	Test Results		
			2A	4A	6A
Compression Strength 25% compression 50% compression	lb/sq-in	ASTM D375	5 15	8 20	12 27
Tensile Strength Machine Direction Cross-Machine Direction	lb/sq-in	ASTM D375	64 38	132 82	183 121
Tensile Elongation Machine Direction Cross-Machine Direction	%	ASTM D375	142 99	177 135	217 179
Tear Resistance Machine Direction Cross-Machine Direction	lb/in	ASTM D375	7 12	15 24	25 36
Compression Set Original Thickness	%	ASTM D375	24	15	8
Shore Hardness A Scale OO Scale		ASTM D2240	7 51	15 64	23 71
Thermal Stability: 24hr test @ 158°F (70°C) AVE MD% AVE CD% AVE TH%	% Change		-1.0 -1.0 2.0	-1.0 -1.0 3.0	-1.0 -1.0 3.0