

Excelon® EVA Tubing



APPLICATIONS:
JANITORIAL CHEMICAL TRANSFER
BEVERAGE TRANSFER
PVC ALTERNATIVE
FREEZER LINES
LOW TEMPERATURE
TRANSFER FLUIDS

Samples available upon request.

NSF 51 formulations available upon request.

Custom Durometers available upon request.

REGULATORY COMPLIANCE: REACH, RoHS,
FDA, and Prop 65 compliant

EVA Tubing

Excelon® EVA Tubing is naturally semi-translucent and meets FDA requirements. It offers high impact strength and flexibility. Excelon® EVA's ability to withstand low temperatures makes it the ideal choice in the agricultural industry being used to transfer agricultural chemicals—specifically Anhydrous Ammonia liquid. Anhydrous Ammonia is sprayed as a fertilizer on plants. In addition to low temperature qualities, the material offers resistance to grease, oil, and ultraviolet rays. EVA Tubing is also replacing vinyl tubing in many surgical, hospital, and pharmaceutical applications. Unlike vinyl, the EVA raw material does not have any plasticizers which eliminates leaching and extractables where high purity material is required. EVA Tubing has nearly 100% elastic memory which allows the material to return to its original shape when slightly heated. This material meets or exceeds USP Class VI depending on the grade. Thermoplastic Processes can custom run any size from .020"–1.500" OD.

Custom durometers, sizes, colors, and lengths are available upon request.

PHYSICAL PROPERTIES

PROPERTIES	
Hardness, Shore A	90
Tensile Strength	2180 psi
Elongation at Break	680%
Brittle Temperature	-130°F
Low Temperature Flex	-29°F
Max. Operating Temp.	185°F

Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.



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September 2025