

Plastic Tubing Specifying Guide

	Outdoor Exposure	Strong Acids	Weak Acids	Strong Alkalies	Weak Alkalies
FDA & Industrial Vinyl/PVC#	Indus: Fair FDA: Poor	Good	Excellent	Good	Excellent
LLDPE	Fair	Fair	Good	Good	Good
HDPE	Fair	Good	Excellent	Excellent	Excellent
Polypropylene	Fair	Good	Excellent	Excellent	Excellent
EVA	Excellent	Poor	Excellent	Excellent	Excellent
Nylon 6	Poor	Poor	Poor	Fair	Fair
Nylon 6/6	Poor	Poor	Poor	Fair	Fair
Nylon 11/12	Good	Excellent**	Excellent**	Good	Good
Polyurethane Ether	Good/Excellent	Poor	Poor	Poor	Fair/Poor
Polyurethane Ester	Good/Excellent	Poor	Poor	Poor	Fair/Poor
Thermoplastic Rubber 64A	Good/Excellent	Excellent	Excellent	Excellent	Excellent
Thermoplastic Rubber 73A	Good/Excellent	Excellent	Excellent	Excellent	Excellent
Thermoplastic Rubber 73A-FDA#	Good/Excellent	Excellent	Excellent	Excellent	Excellent

* For prolonged exposure, should be extruded in black.

** Not good in hydrochloric, sulfuric and phosphoric acids.

Complies with the relevant section of Title 21 of the Code of Fed. Reg. Typical data obtained from tests on raw material under ASTM procedures.

The information and recommendations contained herein are offered as a service to our customers, but are not intended to relieve the user from its responsibility to investigate and understand other pertinent sources of information and to comply with all laws and procedures applicable to the safe handling of these materials.

The information and recommendations provided herein were believed by Hudson Extrusions, Inc. to be accurate at the time of information or recommendations contained herein, regardless of whether it is claimed that the information or recommendations are inaccurate, incomplete or otherwise misleading.

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Chemical Resistance Properties

	Ketones	Esters	Aliphatics	Aromatics
FDA & Industrial Vinyl#	Poor	Poor	Good	Fair
LLDPE	Fair	Fair	Fair	Fair
HDPE	Fair	Fair	Fair	Fair
Polypropylene	Fair	Fair	Poor	Poor
EVA	Poor	Poor	Fair	Poor
Nylon 6	Fair	Fair/Good	Excellent	Fair/Good
Nylon 6/6	Fair	Fair/Good	Excellent	Fair/Good
Nylon 11/12	Good	Good	Good	Good
Polyurethane Ether	Poor	Poor	Good/Excellent	Fair/Poor
Polyurethane Ester	Poor	Poor	Good/Excellent	Fair/Poor
Thermoplastic Rubber 64A	Good	NA	Fair/Good	Poor
Thermoplastic Rubber 73A	Good	NA	Fair/Good	Poor
Thermoplastic Rubber 73A-FDA#	Good	NA	Fair/Good	Poor

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