Finger Lakes Extrusion
Flexible Solutions in Plastics

HD Ether-PUR FLEX™ 95

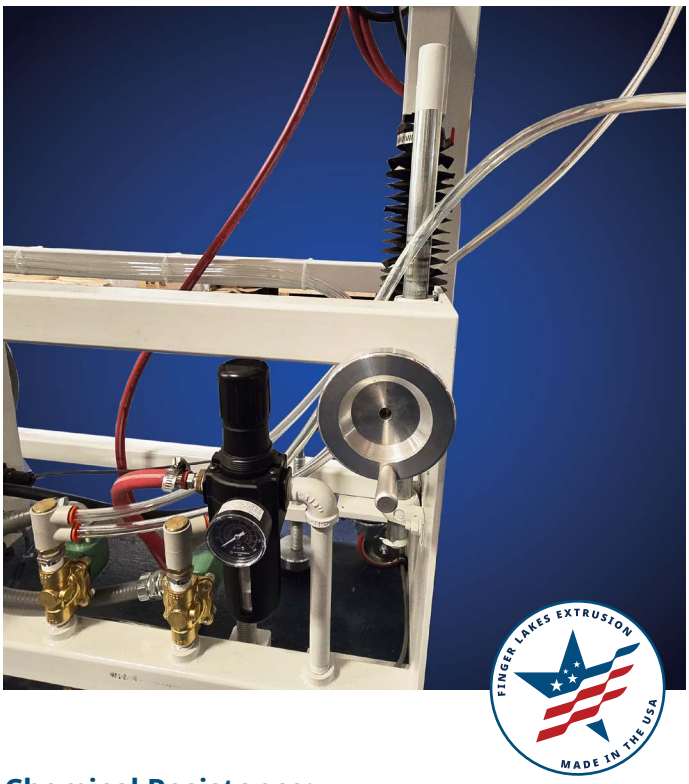
Regulatory Conformance:

- Food Grade^
- RoHS^
- USP VI*
- Prop 65^
- NSF-51+
- ISO 10993*
- NSF-61-G+
- UL HB/V-1*
- 3A*
- PFAS^
- REACH^

\+ = Listed * = Tested to standards
^ = Materials meets requirements

HD ETHER-PUR FLEX™ 95
Features and Benefits

The **HD Ether-PUR FLEX™ 95** product line is made from an ether based polyurethane resin. With a higher durometer rating and high crystallization level, this material excels in applications requiring higher pressure ratings and excellent physical toughness. This material is much more abrasion and impact resistant than PVC while maintaining flexibility and clarity. Urethane also possesses a high level of chemical compatibility. Since this is a pure polyurethane resin, it contains no plasticizers and has a very low level of extractables making it a great product for high purity applications. This formulation CAN be used with aqueous solutions.



HD Ether-PUR FLEX™ 95:

- Clear and flexible
- Tough; resists tearing and abrasion
- Superior resistance to hydrolytic degradation
- Flexible at low temperatures
- High impact resistance

Typical Applications:

- Can be used with push to connect fittings
- Pneumatic device actuation

Regulatory Conformance:

Chemical Resistance:

Ratings for ideal conditions 73°F / 25°C

Strong Mineral Acid	Fair
Organic Acids	Not Recommended
Weak Acids	Good
Bases - Weak	Good
Bases - Strong	Good
Solvents	Fair

** The above is accurate to the best of the company's knowledge, however, these are typical values and should not be used as a certification. All materials should be tested for suitability in their intended use.*

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HD Ether-PUR FLEX™ 95

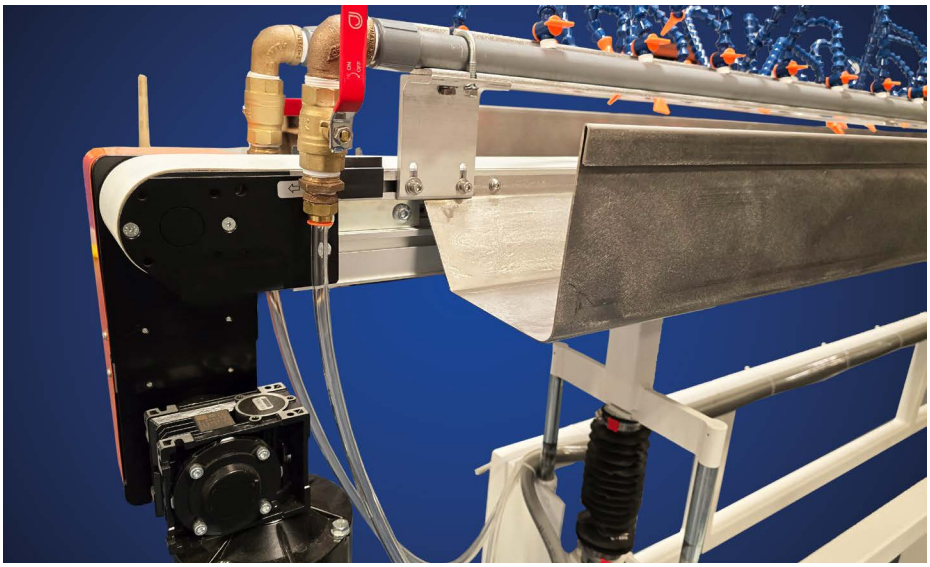
SIZE & PHYSICAL PROPERTIES

PHYSICAL PROPERTIES

Properties	ASTM Method	Value Rating
Hardness, Shore A (+/-5)	ISO 868	95
Operating Temperature Range		-55F / -30C to 175F / 80C
Maximum Working Pressure		73F–110 PSI, 125F– 80 PSI
Color		Transparent Natural
Odor		None
Taste		N/A
Specific Gravity; g/cm3	D792	1.14
Tensile Strength; psi	EN 12803	7250
Ultimate Elongation; %	EN 12803	450

SIZE SPECS

Cat. No.	ID Size, in.	OD Size, in.	Wall Size, in.	Oper. Pressure psig @ 73°F	Case Qty., ft.
8695-4281	.170	1/4	.040	110	100
8695-4335	.250	3/16	.063	110	100
8695-4355	.330	3/8	.085	110	100



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