

## Technical Information - Applications for PTFE Lined Flexible Hose

Indicating the unique properties of PTFE hose which are primary in the application

Hose Category	Application Area	Aflex Hose products which apply	Properties which primarily apply							
			Chemical Resistance (Totally Inert)	Easy Clean (PTFE Surface)	Temperature Resistance (-70°C +260°C)	Pressure & Vacuum Resistance	Flexibility & Kink Resistance	Diffusion (Permeability) Resistance	PTFE Lined End Fittings (Non-wetted fittings)	UV and Oxidation Resistance (No Effect)
<b>CHEMICAL</b>										
Pharmaceutical Hose Bio-Pharm Hose	Pharmaceutical Manufacturing Plants	Bioflex Ultra Pharmaline N Corroflon	√	√	√	√	√		√	√
Chemical Hose Acids Hose	Chemical Manufacturing Plants	Corroline+ Corroflon	√		√	√	√		√	√
Corrosion Resistant Hose	General Corrosives Transfer Applications	Corroline+ Corroflon	√		√	√	√		√	√
Cosmetics Hose	Cosmetics Manufacturing Plants	Bioflex Ultra Pharmaline N Corroflon	√	√	√	√	√		√	√
Sanitary Hose Aseptic Hose	High Purity Fluids Transfer Applications	Bioflex Ultra Pharmaline N Corroflon	√	√	√	√	√		√	√
Heated Hose (Electrical or Steam Trace Heated)	Hot Fluids Transfer at maintained temp	Bioflex Ultra Corroflon	√	√	√	√	√		√	√
<b>AUTOMOTIVE &amp; RAIL</b>										
Fuel Hose Turbocharger Hose Coolant Hose Auto-Brake Hose Motorbike Brake Hose Diesel Engine Hose Motorsport Hose Power Steering Hose Transmission Oil Hose	Automobiles, Trucks, Buses, Motorbikes Speciality Vehicles Motorsport and Trains	Smoothbore Visiflon Hyperline FX Bioflex Ultra			√	√	√	√		√

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<b>GENERAL APPLICATIONS</b>										
Charging Hose	Carton Filling Machines	Hyperline FX	√	√		√	√			
High Pressure Gas Hose	Gas Bottle Filling	Smoothbore (High Pressure Gas)				√	√	√		√
Bottle Filling Hose	Bottle Filling Machines	Hyperline FX	√	√		√	√			
Foodstuffs Hose Beverage & Drinks Hose	Processing Plants and Dispensing Equipment for Food & Drink	Smoothbore Visiflon Hyperline FX Bioflex Ultra Corroflon	√	√		√	√			
Inks and Dyes Hose	Printing Equipment	Smoothbore Hyperline FX	√	√		√	√	√		
Adhesives & Resin Transfer Hose	Adhesives & Resin Transfer and application equipment	Smoothbore Hyperline FX	√	√	√	√	√			
Refrigerant Hose	Industrial Plate Freezers	Smoothbore Hyperline FX			√	√	√	√		
Gas Analysing Hose	Gas Analysing Equipment	Smoothbore Visiflon Hyperline FX	√			√	√	√		√
Paint Spray Hose	Paint Spray Equipment	Smoothbore		√		√	√			√
High Temperature Hose	Hot Oil Transfer	Smoothbore Visiflon Hyperline FX		√	√	√	√			√
Steam Hose	High Pressure Steam Lines	Smoothbore Visiflon Hyperline FX			√	√	√	√		√