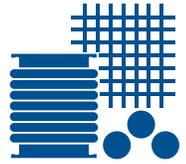


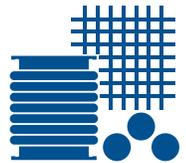
SIFT-SOCK™ FABRICS



Technical Data Sheet

January 2012

FABRIC TYPE	FIBER CONTENT	WEIGHT	PERMEABILITY	TEMP RANGE
Vinyl Coated Nylon	Vinyl with Nylon Scrim	18 oz/yd ²	0 CFM at 0.5" wg	0° to 180°F/-18° to 82° C cont. 225° F/107° C max
<i>Conveyer catch-cloth material. Choice of colors.</i>				
Rubber Coated Nylon (RCN Super)	Neoprene with Nylon backing	32 oz/yd ²	0 CFM at 0.5" wg	0° to 200° F/-18° to 93° C cont. 250° F/ 121° C max
<i>Best-Selling. Pliable, 2-way stretch white material & tear resistance. FDA-acceptable for direct food contact.</i>				
3 Ply Neoprene (Coated Nylon)	Neoprene layer with Nylon Scrim	18 oz/yd ²	0 CFM at 0.5" wg	0° to 200° F/-18° to 93° C cont. 225° F/ 107° C max
<i>Durable, Abrasion resistant off-white material designed for flexing applications, Oily/greasy materials. Neoprene Rubber on both sides.</i>				
Nylon Duck	100% Nylon	13.2 oz/yd ²	1-3 CFM at 0.5" wg	0° to 250° F/-18° to 121° C cont. 325° F/ 163° C max
<i>Soft-hand, Plain weave off-white fabric suitable for constantly flexing applications such as gyratory/vibratory sifters.</i>				
4019 Nylon Cordura	100% Nylon	12.3 oz/yd ²	5-15 CFM at 0.5" wg	0° to 200° F/-18° to 93° C cont. 275° F/ 135° C max
<i>Tough woven off-white fabric suitable for use as transfer & load out sleeves requiring very good abrasion resistance.</i>				
Nylon Satin	100% Nylon	4.8 oz/yd ²	20-35 CFM at 0.5" wg	0° to 250° F/-18° to 121° C cont. 325° F/ 163° C max
<i>Crowfoot Twill (satin) shiny white fabric suitable for constantly flexing applications as well as transfer sleeves requiring abrasion resistance.</i>				
Polyester Sateen	100% Polyester	9 oz/yd ²	20-30 CFM at 0.5" wg	0° to 275° F/-18° to 135° C cont. 300° F/ 149° C max
<i>Moderate weight spun yarn white woven material with good particle capture & retention.</i>				
#868B Polyester (Spun Yarn)	100% Polyester	12.5 oz/yd ²	30-40 CFM at 0.5" wg	0° to 275° F/-18° to 135° C cont. 300° F/ 149° C max
<i>Moderate weight spun yarn white woven material with good particle capture & retention.</i>				
3x1 Twill Dacron Polyester (Filament)	100% Polyester	5.2 oz/yd ²	20-30 CFM at 0.5" wg	0° to 250° F/-18° to 121° C cont. 275° F/ 135° C max
<i>Shiny lightweight white filament material with good particle release & smooth finish.</i>				
#322 Polyester (Filament)	100% Polyester	3.5 oz/yd ²	20-30 CFM at 0.5" wg	0° to 250° F/-18° to 121° C cont. 275° F/ 135° C max
<i>Lightweight white filament material features high permeability & excellent product release characteristics.</i>				
Static Conductive (Poly Multifilament-180)	100% Polyester w/ 316L stainless steel yarn	5.3 oz/yd ²	8.5 CFM at 0.5" wg	0° to 250° F/-18° to 121° C cont. 275° F/ 135° C max
<i>Medium weight twill weave off-white fabric that incorporates 316L stainless steel yarn to provide static conductivity. FDA-acceptable for direct food contact per CFR 21.177.1630</i>				



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FABRIC TYPE	FILM MATERIAL	WALL THICKNESS	PERMEABILITY	TEMP RANGE
060 Clear-Flex	Thermoplastic polyurethane	.060" (60 mil)	0 CFM at 0.5" wg	-40° to 180°F/-40° to 82° C cont. 200° F/93° C max
<i>Static-dissipating, pliable heavyweight film with outstanding abrasion & tear resistance. Typically outlasts fabric 10:1. Can be spliced or sewn into a variety of constructions.</i>				
030 Very Clear-Flex	Thermoplastic polyurethane	.030" (30 mil)	0 CFM at 0.5" wg	-40° to 180°F/-40° to 82° C cont. 200° F/93° C max
<i>Non-staining, pliable medium-weight film with outstanding abrasion & tear resistance. Typically outlasts fabrics 10:1. Can be spliced or sewn into a variety of constructions.</i>				
020 Clear-Flex	Thermoplastic polyurethane	.020" (20 mil)	0 CFM at 0.5" wg	-40° to 180°F/-40° to 82° C cont. 200° F/93° C max
<i>Static-dissipating, pliable medium-weight film with outstanding abrasion & tear resistance. Typically outlasts fabric 10:1. Can be spliced or sewn into a variety of constructions.</i>				
FABRIC TYPE	FIBER CONTENT	WEIGHT	PERMEABILITY	TEMP RANGE
Teflex-White PTFE (Laminate/Woven)	Woven PTFE Fibers	12 oz/yd ²	0.5-2.5 CFM at 0.5" wg	-390° to 500° F/-234° to 260° C cont.
<i>Sateen premium woven and laminated white PTFE fabric. FDA-acceptable, non-stick, and very flexible for harness. Outstanding resistance to harsh chemicals & solvents. Immune to outdoor environments & environmental aging. Very good abrasion & flex fatigue resistance.</i>				
#022 White PTFE (Woven)	Woven expanded PTFE Fibers	15.3 oz/yd ²	30 CFM at 0.5" wg	-350° to 500° F/-212° to 260° C cont.
<i>FDA-acceptable, non-stick, very flexible white fabric with outstanding resistance to harsh chemicals & solvents. Immune to outdoor environments & environmental aging. Breathable with very good abrasion & flex fatigue resistance.</i>				
Kevlar™	100% para-aramid fiber	22 oz/yd ²	5 CFM at 0.5" wg	0° to 600° F/-18° to 316° C cont.
<i>Lightweight, very strong, self-extinguishing, dimensionally stable yellow fabric with excellent abrasion, puncture, chemical, flex fatigue & high temperature resistance.</i>				
Aluminized Para-aramid (Kevlar)	Dual Mirror Aluminized para-aramid	24 oz/yd ²	0 CFM at 0.5" wg	0° to 700° F/-18° to 371° C cont.
<i>Lightweight, very strong, flame resistant, self-extinguishing, dimensionally stable yellow fabric with excellent abrasion, puncture, chemical, flex fatigue, & high temperature resistance.</i>				
Thermo-Flex (Silicone-Coated Nylon)	Satin weave Nylon	17.5 oz/yd ²	0 CFM at 0.5" wg	-67° to 500° F/-55° to 260° C max
<i>Surface Finish - Gray Silicone. Dust-tight, strong & flexible coated fabric with very good abrasion, puncture, tear & flex fatigue resistance. Water & oil resistant. Excellent weather resistance. Flame retardant.</i>				
Raptor Aramid Felt (Nomex®-Type)	Self-supported aramid fiber	16 oz/yd ²	25-40 CFM at 0.5" wg	0° to 425° F/-18° to 218° C cont. 500° F/ 260° C max
<i>Very-strong, self-extinguishing, dimensionally stable fabric with very good abrasion, puncture & high temperature resistance. Resists mild acids & alkalis. Flame retardant, excellent water & oil resistance.</i>				
Silicone-coated Nomex (SBN 10-601)	Plain weave Nomex	11 oz/yd ²	0 CFM at 0.5" wg	-110° to 500° F/-79° to 260° C max
<i>Surface Finish - Black Silicone. Dust-tight, strong & flexible coated nomex with good abrasion, puncture, tear & flex fatigue resistance. Water & oil resistant. Flame retardant. Silicone coating is FDA-acceptable for direct food contact.</i>				

Disclaimer: The data provided is intended as a guide only and should not be interpreted as a warranty. It is not intended to be used to determine the suitability of the product for any specific customer application. Siftex strongly suggests that each customer thoroughly test the prospective product in their own manufacturing facility to determine the actual suitability of the product in their specific application.