

Available in
heat sealed panels
(See Page 46)

TS-12000

6.3 oz. per square yard, high-density 1600 denier, 12-MIL thick, strong and durable fabric for heavy duty applications. Ideal for land fill, soil erosion and reclamation.

Highly effective for salt pile, dirt, swimming pool, equipment, flea market, and boat storage covers as well as economical field covers and portable canopy covers. High ultraviolet inhibitors. Available in 72" and 144" widths.

Product Number	Width	Color
TS-12000-04	72"	Black/Silver
TS-12000-06	144"	Black/Silver

Standard Put-Up: Approx. 100 yard rolls; up to 250 yard rolls available
FOB Chicago, IL or East

REINFORCED POLYETHYLENE

TS-12000 PHYSICAL PROPERTY CHART

Fabric Properties	Test Method	Typical Properties
Weight, oz./sq. yd.	Available Upon Request	6.3
Tongue Tear, lbs.	ASTM D 751 Method B	
Warp		60
Fill		50
Grab Tensile, lbs.	ASTM D 751 Method A	
Warp		200
Fill		175
Mullen Burst, psi	ASTM D 751	420

The technical information above is the latest available and subject to revision as additional technology is developed. Mauritzon Inc. assumes no responsibility or obligation for damages incurred through the use of this information and makes no warranty or representation regarding it.

NEW ANTI-STATIC WOVEN POLYOLEFIN FABRICS FR93AS

An economical flame retardant fabric for industrial, construction, and mining applications requiring anti-static properties. Off-white with a black diamond pattern carbon grid.



PERFORMANCE

Grab Tensile	Warp 125 lb 555N Weft 70 lb 311N	ASTM D5084
Trapezoidal Tear	Warp 60 lb 267N Weft 28 lb 124N	ASTM D4588
Mullen Burst	170 psi 1173 kPa	ASTM D3786
Flame Retardancy	NFPA 701, CPAI-84 (1995-Sect. 5 and 6), Boston Fire Marshall	
Anti-Static	Surface Resistance of less than 300 million ohms	
UV Weathering	Not recommended for long-term outdoor exposure.	

FABRIC SPECIFICATIONS

Weave	Nominal 9 by 3 ppi (35 x 12 tapes per 10 cm) woven HDPE scrim
Coating	1.75 mil average each side (42 g/m ² /side)
Colour	pale yellow, off-white
Weight	3.9 oz/yd ² (132 g/m ²) +/- 5%

ROLL SPECIFICATIONS

Cores	4 inch (101.6 mm) or 5 inch (127 mm) I.D.
Width	Up to 150 inches (-0, +0.5) as ordered, 3.81 m, (-0, +12 mm)
Length	Minimum 500 yds/roll (457 m); up to 1000 yds/roll (914 m)

WATER CLEAR

High strength reinforced clear flame resistant vinyl. Outstanding for contractors covers, pallet covers, equipment covers—any cover where visibility and light transmission are required.

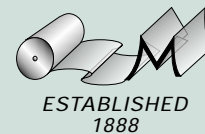
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PHYSICAL PROPERTIES

Color:	Water Clear
Emboss Pattern:	Plain
Width:	62"
Finished Weight Range:	9 oz./sq. yd. ± 5%
Roll Put Up:	250 LY/Roll
Scrim/Reinforcement:	4 X 2 500/1,000 round
Tensile Strength:	Warp: 70 lbs/in ± 5%
Fed. Meth. No 5100.1	Fill: 25 lbs/in ±5%
Tear Strength:	Warp: 23 lbs/in ± 5%
Fed. Meth. No. 5134	Fill: 25 lbs/in ± 5%
Flame Resistance:	Specification: Meets CSFM
Fed. Meth. No. 5903.2	

These values are typical data and are not intended as limiting specifications



REINFORCED POLYETHYLENE

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RETEX 12000 FLAME-RETARDANT

5½ oz. per square yard. 120" wide. Premium flame-retardant coated fabric for tent walls, lightweight canopies, curtains, tarpaulins and equipment covers as well as some mining applications. Approved by the American Nuclear Insurers (Farmington, CT). Conforms to CPAI-84, Sec. 6 & 7, NFPA-701, Boston Fire Marshal's Test.



Product Number	Color
RE-12000-00	Off-white (pale yellow)
RE-12000-01	White
RE-12000-03	Green
RE-12000-05	Yellow

Standard Put-Up Approx. 100 yard rolls
Special volume pricing

FOB Chicago, IL or East

RETEX 12000 Flame-Retardant Physical Property Chart

Fabric Properties	Test Method	Typical Properties
Weight, oz./sq. yd.	Available Upon Request	5.5
Tongue Tear, lbs.	ASTM D 751 Method B	
Warp		43
Fill		43
Grab Tensile, lbs.	ASTM D 751 Method A	
Warp		140
Fill		135
Mullen Burst, psi	ASTM D 751	300

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REINFORCED POLY REPAIR TAPE

An extremely strong and durable, 8.6 MIL woven polyethylene fabric coated with a high-tack, pressure-sensitive acrylic adhesive system. Formulated to bond to polyethylene even at temperatures as low as -25°F. High temperature resistance to 225°F. Invaluable as an accessory to our TS-12000 fabric. Ideal for on-site repairs, seam sections or for reinforcing critical points. 2¾" wide x 20 yards. Packaged 16 to a case.

Product Number	Color
TSRT-01	White
TSRT-02	Blue
TSRT-04	Black
TSRT-05	Yellow
TSRT-10	Clear

FOB: Chicago, IL or East

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TTS-10HUV-04

TTS-10HUV consists of two sheets of high-strength polyethylene film laminated together with a third layer of molten polyethylene. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear-resistance and increases service life. Heavy-duty diamond reinforcement responds to tears immediately by surrounding and stopping the tear.

TTS-10HUV is used in applications that require good outdoor life and demand high puncture and tear strengths. The two outer layers of TTS-10HUV contain high concentrations of UV inhibitors and thermal stabilizers to assure added outdoor life up to approximately two years.

TTS-10HUV is available in a variety of widths and lengths up to 100,000 square foot panels.

All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation. Custom sizes are available.

COMMON APPLICATIONS

- Construction Enclosures
- Vapor Barriers
- Temporary Liners or Covers
- Erosion Control
- Shipping and Packaging
- Insulation Membranes
- Asbestos Abatements
- Fumigation Covers
- Temporary Walls
- Remediation Covers
- Temporary Erosion Control

Available in
heat sealed panels
(See Page 46)

TTS-10FR

TTS-10FR consists of two sheets of high-strength fire-retardant film laminated together with a third layer of molten polyethylene. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. Our fire-retardant films meet or exceed NFPA's 701 large and small scale requirements in addition to CPAI Section 6 and 7.



PRODUCT USE

10FR is used in applications that require a fire-retardant material, and demand high puncture and tear strengths.

SIZE & PACKAGING

10FR is available in a variety of widths and lengths. Panel sizes up to 40,000 square feet are available. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation.

COMMON APPLICATIONS

- Construction Enclosures
- Vapor Retarders
- Asbestos Abatement
- Fumigation Covers
- Insulation Membranes
- Temporary Walls
- Curtains
- Job Site Coverings



PHYSICAL PROPERTY CHART

REINFORCED POLYETHYLENE

Properties	Test Method	TTS-HUV		TTS-10FR	
		English	Metric	English	Metric
Appearance		Clear	Clear	Translucent, Cream Color	
Thickness, Nominal		10 mil	0.25 mm	10 mil	0.25 mm
Weight Per MSF		51 lbs.	23 kg	52 lbs.	24 kg
Construction					
"1" Tensile Strength	ASTM D751	57 lbf.	254 N	55 lbf.	245 N
Elongation at Break	ASTM D751	800%	800%	780%	780%
*Grab Tensile	ASTM D751	90 lbf.	400 N	85 lbf.	383 N
*Trapezoid Tear	ASTM D4533	69 lbf.	307 N	64 lbf.	285 N
Hydrostatic Resistance	ASTM D751	90 psi	621 kPa	88 psi	606 kPa
Mullen Burst	ASTM D751	175 psi	1207 kPa	175 psi	1207 kPa
Maximum Use Temperature		180 F	82 C	180 F	82 C
Minimum Use Temperature		-70 F	-57 C	-70 F	-57 C
Permeability					
WVTR	ASTM E96	0.0185	0.2868	0.0185	0.2868
Method A		g/100in ² /day	g/m ² /day	g/100in ² /day	g/m ² /day
Perm Rating	ASTM E96	0.0418	0.0275	0.0418	0.0275
Method A		U.S. Perms	Metric Perms	U.S. Perms	Metric Perms
Burning Characteristics	ASTM E84				
Flame Spread Index	Method A			0	
Smoke Developed Value				65	

*Tests are an average of diagonal directions

MEETS OR EXCEEDS THE FOLLOWING FIRE TESTING:

1. National Fire Protection Association (NFPA) 701 Large & Small Scale
2. Canvas Products Association International (CPAI) Section 6 (Flooring Material)
3. Canvas Products Association International (CPAI) Section 7 (Wall & Top)
4. Class "A" Wall & Ceiling Finish Category as given in the National Fire Protection Association Life Safety Code 101, Section 6-5.3, "Interior Wall and Ceiling Finish Classification" (ASTM E-84-97a).

TTS-10FR is a fire-retardant four-layer reinforced extrusion laminate. The outer layer consists of a high quality polyethylene film with a high concentration of fire-retardant additives. TTS-10FR is reinforced with a minimum of 900 denier scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 9" across the width. The individual plies are laminated together with molten polyethylene.

NOTE: To the best of our knowledge, these are typical property values and are intended as guides only, not as specification limits. MAURITZON MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations, and disclaims all liability for resulting loss or damage.



Available in
heat sealed panels
(See Page 46)

TS-10000 / TS-10000-04

5 MIL ECONOMICAL REINFORCED POLY

Blue or white, 5.2 oz per sq yd.

TS-10000 PHYSICAL PROPERTY CHART

Grab Tensile	Warp 160 lb 711 N	Weft 135 lb 600 N	ASTM D5034
Tongue Tear	Warp 44 lb 195 N	Weft 44 lb 195 N	ASTM D4533
Mullen Burst	260 psi 1795 kPa		ASTMD3786
Accelerated UV Weathering*	>80% strength after 2000 hrs	ASTM G53	

* O.U.V. (A-340 Lamps): 8 hrs UV @ 60 C; 4 hrs condensation @ 50 C
Standard Put-up: 250 yds

TS-5000 BLACK/WHITE POLYWRAP

Ideal for light weight, economical covers and wrapping pallets. White side can be used to have messages written on with marker.

Standard Put-up: 250 yds

TS-5000 2 SIDE COATED DATA SHEET

Count	Nominal 7 x 3 tapes/inch	
Denier	950 x 1200	
Weight	3.0 oz per square yard	
Tensile Strength (Grab Method)	Warp – 100 lbs Weft – 60 lbs	ASTM D-751 (Method A)
Tear Strength (Tongue Method)	Warp – 43 lbs Weft – 25 lbs	ASTM D-4533
Mullen Burst	155 psi	ASTM D-751
Coating Thickness	1.2 mil average, two sides	
Accelerated Weathering/UV	UV Stabilizers added for outdoor usage	
Scrim Type	Clear tapes	
Color	Clear	
Mil Thickness	6.5 mil	

The above physical test results are representative data collected from a number of production runs. These values are typical data and are not intended as limiting specifications.

WOVEN, REINFORCED POLYETHYLENE

With the added strength of woven yarns, this is a great item for building enclosures. Allows light transmission and can be clamped to scaffolding.

PHYSICAL PROPERTY CHART

Product Number	Description
RP-1X10	10' x 100' 1-side coated reinforced poly
RP-1X12	12' x 100' 1-side coated reinforced poly
RP-1X16	16' x 100' 1-side coated reinforced poly
RP-1X20	20' x 100' 1-side coated reinforced poly
*RP-1X20-FR	20' x 100' FR 1-side coated reinforced poly
RP-1X24	24' x 100' 1-side coated reinforced poly
RP-1X40	40' x 100' 1-side coated reinforced poly

*Flame Retardant. Color: Off-white (pale yellow).

POLYETHYLENE SHEETING (NON-REINFORCED)

Full weight plastic sheeting. Meets most building code specs that require full 4 and 6 mil thick sheeting in building construction. Complies with ASTM D-4397, NBS PS17-69 and National Bureau of Standard Handbooks 130 and 133. Color: Clear (slightly milky white)

CLEAR POLY SHEETING

Part #	Size W x 100'	Part #
4mil		6mil
4 x 03-C	3' x 100'	6 x 03-C
4 x 04-C	4' x 200'	6 x 04-C
4 x 06-C	6' x 100'	6 x 06-C
4 x 08-C	8' x 100'	6 x 08-C
4 x 10-C	10' x 100'	6 x 10-C
4 x 12-C	12' x 100'	6 x 12-C
4 x 14-C	14' x 100'	6 x 14-C
4 x 16-C	16' x 100'	6 x 16-C
4 x 20-C	20' x 100'	6 x 20-C
4 x 24-C	24' x 100'	6 x 24-C
4 x 28-C	28' x 100'	6 x 28-C
4 x 32-C	32' x 100'	6 x 32-C
4 x 40-C	40' x 100'	6 x 40-C

Black Polyethylene also available.