

FIRST TECHNOLOGY, INC.

Making Technology Available Worldwide since 1988

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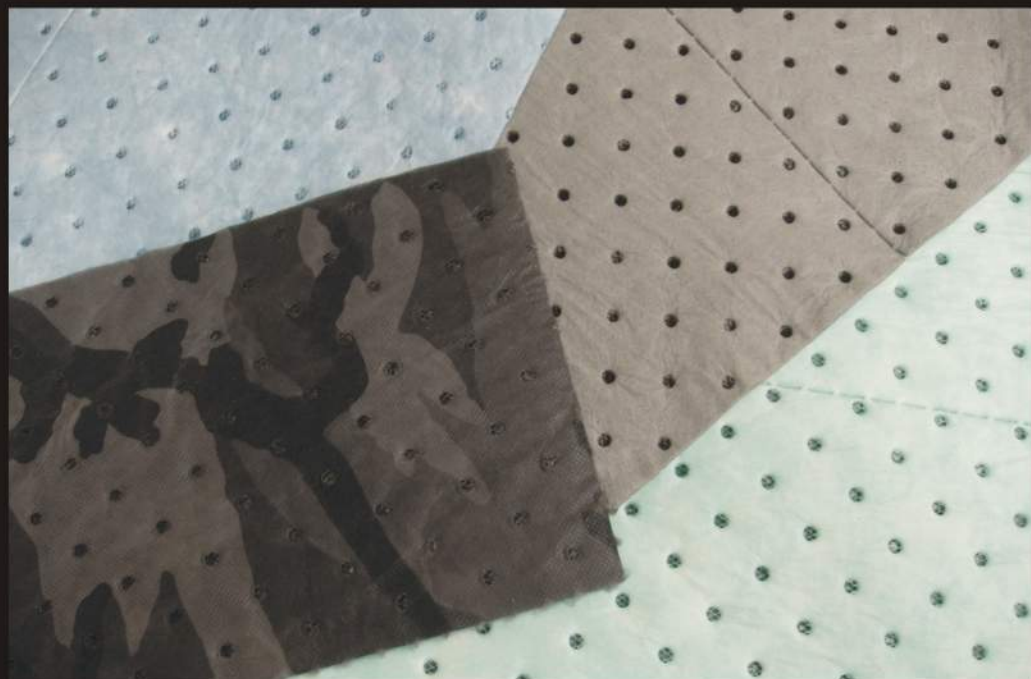
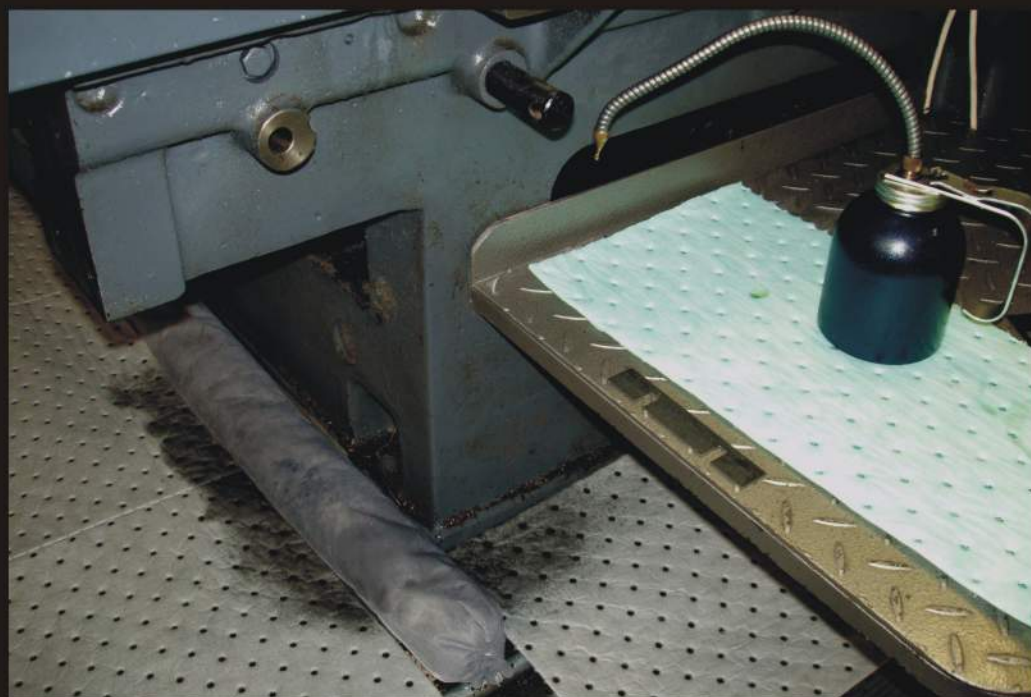
ENVIRONMENTAL
& INDUSTRIAL

SORBENTS

General Purpose absorbs non-aggressive fluids

Oil Only absorbs hydrocarbon-based fluids and repels water

Universal / Hazmat absorbs non-aggressive and aggressive fluids





fine fiber / meltblown / fine fiber

code	dimensions	packaging	# per pallet	thickness
100FWFMF	15" X 19"	100 per bale	30	double weight
100FWFMFL	15" X 19"	100 per bale	36	middle weight
144FWFMF	38" X 144'	1 per bale	18	double weight
144FWFMFS	19" X 144'	2 per bale	18	double weight
144FWFMFL	38" X 144'	1 per bale	18	middle weight
144FWFMFLS	19" X 144'	2 per bale	18	middle weight

FYI: A lofty (fluffy) meltblown pad absorbs oil quickly. Gaps between the fibers allow thick fluids to penetrate.

- non-linting
- quick absorption
- grips the floor
- perforated

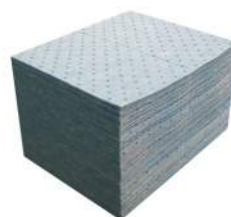


fine fiber / meltblown / fine fiber

code	dimensions	packaging	# per pallet	thickness
100FBFMF	15" X 19"	100 per bale	30	double weight
100FBFMFL	15" X 19"	100 per bale	36	middle weight
144FBFMF	38" X 144'	1 per bale	18	double weight
144FBFMFS	19" X 144'	2 per bale	18	double weight
144FBFMFL	38" X 144'	1 per bale	18	middle weight
144FBFMFLS	19" X 144'	2 per bale	18	middle weight

FYI: Polypropylene fibers are not porous like natural fibers. Fluids actually adhere to polypropylene fibers.

- non-linting
- quick absorption
- grips the floor
- perforated

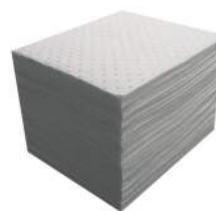


dimpled standard meltblown

code	dimensions	packaging	# per pallet	thickness
100FWDML	15" X 19"	100 per bale	30	double weight
100FWDML	15" X 19"	100 per bale	36	middle weight
144FWDML	38" X 144'	1 per bale	18	double weight
144FWDMS	19" X 144'	2 per bale	18	double weight
144FWDML	38" X 144'	1 per bale	18	middle weight
144FWDMLS	19" X 144'	2 per bale	18	middle weight

* These products are also available in a single weight version.

- economical
- low-linting
- very fast absorption
- perforated

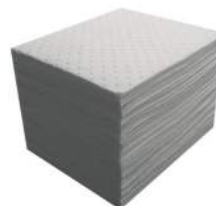


spunbond / meltblown / spunbond

code	dimensions	packaging	# per pallet	thickness
100FWSMS	15" X 19"	100 per bale	30	double weight
100FWSMSL	15" X 19"	100 per bale	36	middle weight
144FWSMS	38" X 144'	1 per bale	18	double weight
144FWSMS	19" X 144'	2 per bale	18	double weight
144FWSMSL	38" X 144'	1 per bale	18	middle weight
144FWSMSLS	19" X 144'	2 per bale	18	middle weight

FYI: High quality, meltblown polypropylene has a soft texture. This is a sure sign that the fibers have not melted together.

- non-linting
- very durable
- great for wiping
- perforated





- non-linting
- quick absorption
- grips the floor
- perforated



- non-linting
- quick absorption
- grips the floor
- perforated



- economical
- low-linting
- very fast absorption
- perforated



- non-linting
- very durable
- great for wiping
- perforated



- highly absorbent
- two surface textures
- great for wiping
- quick absorbing
- grips the floor



code	dimensions	packaging	# per pallet	thickness
100FGFMF	15" X 19"	100 per bale	30	double weight
100FGFMFL	15" X 19"	100 per bale	36	middle weight
144FGFMF	38" X 144'	1 per bale	18	double weight
144FGFMFS	19" X 144'	2 per bale	18	double weight
144FGFMFL	38" X 144'	1 per bale	18	middle weight
144GFMFLS	19" X 144'	2 per bale	18	middle weight

FYI: The only difference between our gray, green, and yellow polypropylene sorbents is the dye.

code	dimensions	packaging	# per pallet	thickness
100FGNMF	15" X 19"	100 per bale	30	double weight
100FGNMF	15" X 19"	100 per bale	36	middle weight
144FGNMF	38" X 144'	1 per bale	18	double weight
144FGNMF	19" X 144'	2 per bale	18	double weight
144FGNMF	38" X 144'	1 per bale	18	middle weight
G144FNMFLS	19" X 144'	2 per bale	18	middle weight

FYI: Meltblown polypropylene is "oil-only" in its raw state. We add a surfactant treatment (detergent) to make it "universal".

code	dimensions	packaging	# per pallet	thickness
100FGDM	15" X 19"	100 per bale	30	double weight
100FGDML	15" X 19"	100 per bale	36	middle weight
144FGDM	38" X 144'	1 per bale	18	double weight
144FGDMS	19" X 144'	2 per bale	18	double weight
144FGDML	38" X 144'	1 per bale	18	middle weight
144FGDMLS	19" X 144'	2 per bale	18	middle weight

* These products are also available in a single weight version.

FYI: Perforating blades resemble pizza cutters. Notches in the blade miss the fabric and form the perforation.

code	dimensions	packaging	# per pallet	thickness
100FGSMS	15" X 19"	100 per bale	30	double weight
100FGSMSL	15" X 19"	100 per bale	36	middle weight
144FGSMS	38" X 144'	1 per bale	18	double weight
144FGSMS	19" X 144'	2 per bale	18	double weight
144FGSMSL	38" X 144'	1 per bale	18	middle weight
144FGSMSLS	19" X 144'	2 per bale	18	middle weight

FYI: Surfactant is added to our meltblown, making it "universal". Surfactant reduces the surface tension of fluids.

code	dimensions	packaging	# per pallet	thickness
100FGSMF	15" X 19"	100 per bale	30	double weight
100FGSMFL	15" X 19"	100 per bale	36	middle weight
144FGSMF	38" X 144'	1 per bale	18	double weight
144FGSMFS	19" X 144'	2 per bale	18	double weight
144FGSMFL	38" X 144'	1 per bale	18	middle weight
144FGSMFLS	19" X 144'	2 per bale	18	middle weight

fine fiber / meltblown / fine fiber

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dimpled standard meltblown

spunbond / meltblown / spunbond

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STANDARD MELTBLOWN POLYPROPYLENE



PADS & ROLLS

code	dimensions	packaging	# per pallet	thickness
100FWM	15" X 19"	100 per bale	30	double weight
100FWML	15" X 19"	100 per bale	36	middle weight
200FWM	15" X 19"	200 per bale	30	single weight
50FWM	34" X 38"	50 per bale	10	double weight
144FWM	38" X 144'	1 per bale	12	double weight
144FWMS	19" X 144'	2 per bale	12	double weight
144FWML	38" X 144'	1 per bale	18	middle weight
144FWMLS	19" X 144'	2 per bale	18	middle weight
288FWM	38" X 288'	1 per bale	12	single weight
288FWMS	19" X 288'	2 per bale	12	single weight

These products boast an absorption rate between 12-25 times the product's weight in oil, depending on the viscosity of the fluid absorbed.

Oil actually adheres to polypropylene fibers. Polypropylene fibers are non-porous and do not absorb like natural fibers.

Polypropylene is hydrophobic (repels water) in its raw state. However, if a detergent is introduced to an oil spill it will coat the fiber and absorb water. The water will weigh it down, and the sorbent will sink. This is actually the manner in which our universal sorbents are manufactured. Along with the detergent (surfactant treatment), dye is also added to differentiate the products.



HYDROPHOBIC:
REPELS WATER



USE OUR OIL-SELECT
SORBENTS TO
CONTROL
ENVIRONMENTAL
DISASTERS

All of these products are used in conjunction with one another. Booms contain and absorb the spill, pads and rolls do most of the absorbing, and sweeps skim the remaining sheen.



BOOMS, SWEEPS, & PILLOWS

	code	dimensions	packaging	# per pallet
(b)	510FBSN	5" X 10'	4 per bale	20
(b)	520FBSN	5" X 20'	2 per bale	20
(b)	810FBSN	8" X 10'	4 per bale	12
(b)	820FBSN	8" X 20'	2 per bale	12
(p)	10FBPSN	8" X 18"	10 per bale	20
(b)	20FBB	5" X 18"	20 per bale	20
(s)	1900FS	19" X 100'	1 per bale	36

A 10' boom can weigh up to 150 lbs when saturated. It is important to have strength in both the netting and the end connectors.





CELLULOSE FILLER

general purpose



These socks wrap around the bases of leaky machinery, or they can be used as a temporary dike to protect drains from runaway fluids.

code	dimensions	packaging	# per pallet
348FTIGPS-40	3" X 48"	40 per bale	16
396FTIGPS-20	3" X 96"	20 per bale	16



MELTBLOWN FILLER

oil-only



These socks are used to absorb oil off of water, skim oil from a bilge, or use this sock to absorb runaway oil outdoors (it will not absorb water).

code	dimensions	packaging	# per pallet
348FTIOS-40	3" X 48"	40 per bale	16
396FTIOS-20	3" X 96"	20 per bale	16



TREATED MELTBLOWN FILLER

universal/hazmat



These socks are used to absorb aggressive fluids in laboratories, and they are mainly seen in emergency spill kits.

code	dimensions	packaging	# per pallet
348FTIHS-40	3" X 48"	40 per bale	16
396FTIHS-20	3" X 96"	20 per bale	16



RAG RUG

general purpose



This traffic mat is a smattering of recycled fibers that are glued together. It withstands medium traffic and absorbs very well.

code	dimensions	packaging	# per pallet
36FTINFR	36" X 150'	1 per bale	12
18FTINFR	18" X 150'	2 per bale	12



INDUSTRIAL RUG

general purpose



Needlepunched polypropylene is very, very durable. It is not a great sorbent, but it withstands heavy traffic. Available in two thicknesses.

code	dimensions	packaging	# per pallet
36300FTIN	36" X 300'	1 per bale	12
36150FTIN	36" X 150'	1 per bale	12



3 PLY RUG

universal/hazmat



This three layer composite can be used for virtually any in-plant application. Lay the light side on the floor, and walk on the dark side. This material is great for wiping and drip catching too.

Code	dimensions	packaging	# per pallet
288FTIGSMF	38" X 288'	1 per bale	18
288FTIGSMFS	19" X 288'	2 per bale	18



DRUM TOPPERS

Gray and green are universal, and the white pad is oil-only.



code	dimensions	packaging	type
TOPFTIGND	22" diam.	25 per bale	universal
TOPFTIGD	22" diam.	25 per bale	universal
TOPFTIWD	22" diam.	25 per bale	oil-only



DRIP PANS

No explanation necessary. Just place a drip pan underneath a leaker and get back to work. The GPPD absorbs non-aggressive fluids, and the ODP absorbs hydrocarbon-based fluids.



code	dimensions	packaging	# per pallet
DPFTIGP	10" X 10"	24 per box	16
DPFTIO	10" X 10"	24 per box	16



PILLOWS

Pillows serve the same purpose as drip pans, except that they are more flexible. The GPP absorbs non-aggressive fluids, and OP absorbs hydrocarbon-based fluids.



code	dimensions	packaging	# per pallet
PPFTIG	18" X 18" X 2"	10 per box	35
PFTIO	18" X 18" X 2"	10 per box	35

Stow behind a truck seat. This kit is perfect for small spills.

TRUCKER SPILL KIT

Contents:

- 3 - 3"X48" socks
- 15 - 17"X19" socks
- 1 - pair of gloves
- 1 - disposal bag
- 1 - vinyl zipper bag



Place this kit in trouble spots or near drains.

20 GAL. SPILL KIT

Contents:

- 4 - 3"X48" socks
- 25 - 17"X19" socks
- 2 - 18"X18" pillows
- 3 - disposal bags
- 1 - pair nitrile gloves
- 1 - pair goggles



Place this kit near drums or near large trouble areas.

95 GAL. SPILL KIT

Contents:

- 150 - 17"X19" pads
- 6 - 3"X96" socks
- 7 - 18"X18" pillows
- 10 - disposal bags
- 2 - pairs nitrile gloves
- 1 - emerg. resp. guide
- 1 - 1/2 lb. Tub plug'n'dike
- 1 - pair goggles



code	dimensions	packaging	type
TRKFTIOSSK	20"X20"X7"	listed above	oil-only
TRKFTIGPSK	20"X20"X7"	listed above	universal
TRKFTIHZSK	20"X20"X7"	listed above	hazmat

code	dimensions	packaging	type
20FTIOSSK	22" X 18"	listed above	oil-only
20FTIGPSK	22" X 18"	listed above	universal
20FTIHZSK	22" X 18"	listed above	hazmat

code	dimensions	packaging	type
95FTIOSSK	48" X 32"	listed above	oil-only
95FTIGPSK	48" X 32"	listed above	universal
95FTIHZSK	48" X 32"	listed above	hazmat



150FTICSMF

30" X 150' / 1 ROLL PER BALE

150FTICSMFS

15" X 150' / 2 ROLLS PER BALE

CAMOUFLAGE

Hides Grime!

SOCKS

TRAFFIC MAT

OTHER

SPILL KITS

Surface Textures Of Our Pads And Rolls

PADS

ROLLS

PILLOWS

BOOMS

SWEEPS

DRIP PANS

**DRUM
TOPPERS**

SPILL KITS

SOCKS

**INDUSTRIAL
RUG**

GRANULAR

TRACK MAT

**SECONDARY
CONTAINMENT**

**CONTAINMENT
BOOM**

RAG RUG

DRAIN COVERS

SPILL BERMS

**NATURAL
FIBER
PRODUCTS**

BILGE BOOMS

Spunbond polypropylene, a very durable fiber, was introduced to the sorbents industry about fifteen years ago. At the time, the available spunbond weighed about two ounces per square yard. It did not allow thicker fluids to penetrate, so it was widely rejected.

Our current covering is ultra-thin (.5 osy) and has no problems with the thickest of fluids. Spunbond is actually not a very good sorbent. It is more of a filter, and that is another reason we use such a thin layer.

Durability and resilience are qualities of spunbond polypropylene that make it perfect for maintenance, repair, and operations.

Our SMS products are available in both "oil-only" and "universal".

Fine Fiber meltblown polypropylene, a soft, super-absorbent fiber, resembles tissue paper. It absorbs quickly and grips cement floors.

Fine fiber is typically seen in various filtration industries. It is a perfect filter for both air and liquid filtration. In the sorbents industry, we use it as a non-linting covering for our pads and rolled goods.

Our current covering is ultra-thin (.5 osy), which is the same thickness as our spunbond covering. However, the characteristics of the two fabrics are very different. Fine fiber is highly absorbent and very durable, whereas spunbond is highly durable and slightly absorbent.

Our FMF products are available in both "oil-only" and "universal".

FMF is our most popular composite.

Standard meltblown polypropylene has a fibrous texture with no dimple/bond points. The lack of any dimple impressions is actually an advantage in the pad's absorption capabilities. Dimple or bond points are spots that do not absorb anything. On average, dimple or bond points represent 7% of the total surface area.

Polypropylene does not "absorb" fluids. Oil actually adheres to the fibers, so it is advantageous to use on the surface of water.

Standard meltblown products are available in both "oil-only" and "universal".

Dimpled meltblown polypropylene is simply standard meltblown that is run through a bonder. The bonder leaves impressions (bond points) that lend the material "slight fiber tie-down".