



GSM
Filtration

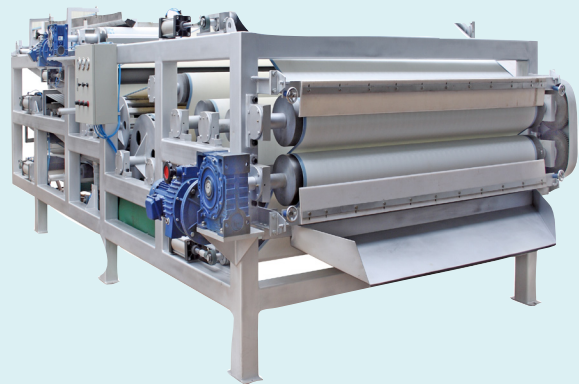
DEWATERING BELTS

Manufacturer of woven, and spiral dewatering belts for the Wastewater Treatment Industry. GSM Filtration Inc. provides a large number of fabric styles that are manufactured from high quality virgin polyester. We carry a large inventory of these fabrics and typically have deliveries of two weeks. Emergency orders are also available with 24 to 48 hour deliveries. GSM management has over 75 years of combined experience in the waste water treatment business and is available to answer any questions.

GSM Filtration Inc.

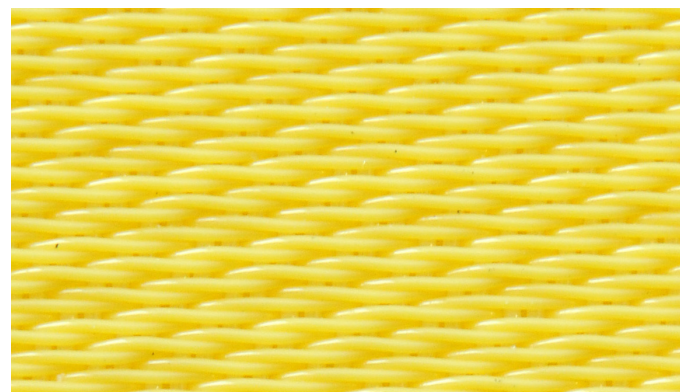
140 Joe R. McCrary Rd.
Fall Branch, TN 37656

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Standard and custom sized belts for OEM manufacturers such as Andritz, Ashbrooke, BDP, Winkle, GL&V, Komline, Phoenix, Sernagiotto, US Filter, and others.

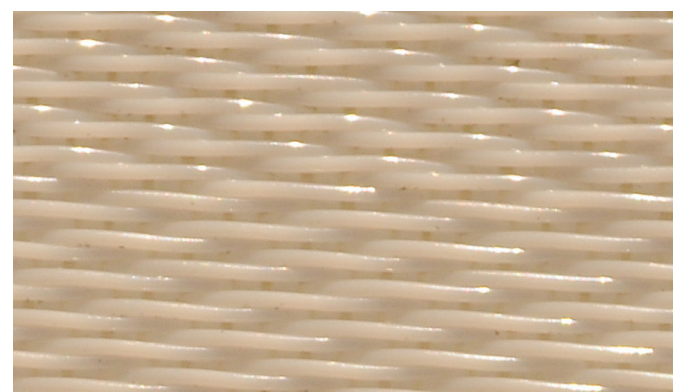
Belts are manufactured in our new state of the art production facility in Fall Branch Tennessee.



GSM 6093 6/2 weave, CFM 360 to 400, 35.4 oz/yd², .074" thick



GSM 62-350 6/2 weave, CFM 325 to 355, 42.5 oz/yd², .085" thick



GSM 62-500 6/2 weave, CFM 470 to 510, 40.4 oz/yd², .076" thick



GSM 21-400 2/1 weave, CFM 384 to 424, 39.4 oz/yd², .078" thick

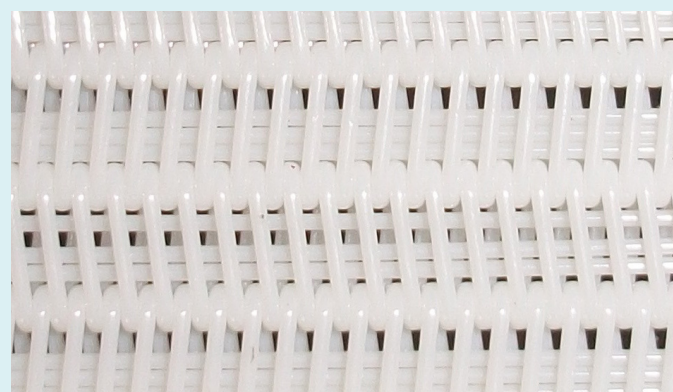
Satin Weaves are the most commonly chosen fabric style for municipal sludge dewatering. Satin weaves offer high solids capture rates, good cake release, and fabric strength.



GSM Spiral 79-900 CFM 895 to 925, 31.6 oz/yd², .094" thick



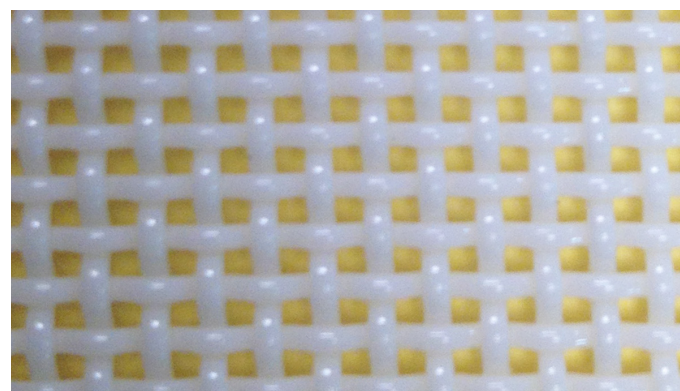
GSM Spiral 68-850 CFM 845 to 865, 31.6 oz/yd², .080" thick



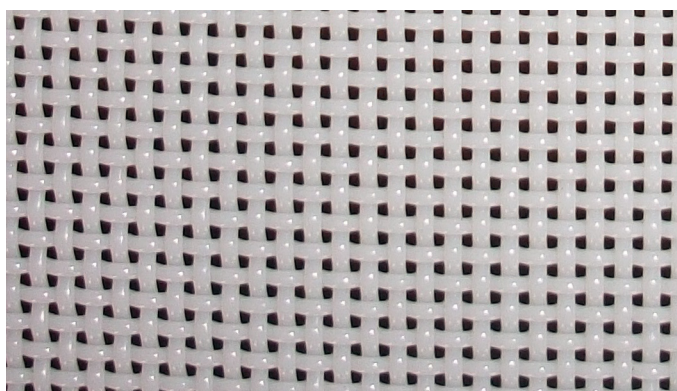
GSM Stuffed Spirals CFM can range from 300 to 1035

Spiral link fabrics offer superior fabric life and have the added benefit of no clipper seams. Spiral belts when assembled are essentially endless. Many municipal waste water plants are now using spirals for the top and bottom press zones and are particularly useful for older machines.

Twill Weaves are useful for sludges that have a higher percentage of coarser material and applications with combined sludges. Municipalities that receive industrial waste may find twill fabrics will have better dewatering and are easier to clean than satin weave fabrics.



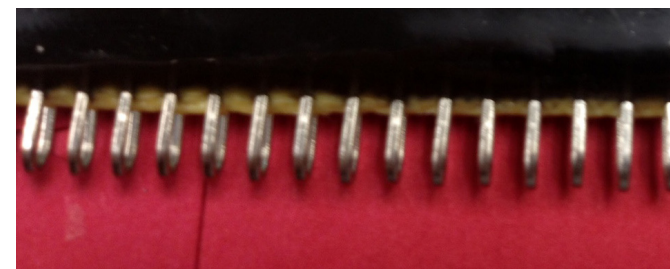
GSM 11-825 1/1 weave, CFM 805 to 860, 28.6 oz/yd², .063" thick



GSM 11-500 1/1 weave, CFM 470 to 490, 27.4 oz/yd², .052" thick

Plain weave fabrics are mostly used for very high drainage rates and are typically found on gravity tables in applications with very high coarse material sludge.

All woven belts are supplied with a low profile flat wire 316 stainless clipper seam with either 8 or 10 clips per inch. All edges are heat sealed and coated with high quality two part epoxy.



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