Z Series — for horizontal vacuum belt filters

Used on horizontal vacuum belt filters: chemicals (phosphoric acid, yeast), strongly acidic or alkaline duties, pharmaceuticals, non-ferrous metals, power-plant FGD gypsum, dry-stack tailings, sludge dewatering

Model	Material	Air permeability @200 Pa		Water permeability @1200 Pa (L/m²·s)	Thickness (mm)	Warp tensile strength (N/cm)	Weight (g/m²)	Particle retention (μm)	Mesh
		L/m²·s	CFM						
Z-PDF05	**PP** double-layer mono/multifilament	20–35	4–7	1.73–1.90	1.13	740	804	1–5	—
Z-PDF08	**PP** double-layer mono/multifilament	20–40	4–8	2.5–3.0	1.05	1000	714	5–8	2000–3000
Z-PDF10	**PP** double-layer mono/multifilament	50–80	10–16	3.0–3.2	1.07	1000	656	5–10	1400–2000
Z-PDF20	**PP** double-layer mono/multifilament	80–130	16–26	5.3–5.4	1.12	1000	660	20–25	600–700
Z-PD30	**PP** double-layer monofilament	200–250	40–50	20–25	1.02	1000	570	30–35	400–500
Z-PD40	**PP** double-layer monofilament	300–350	60–70	26.1–26.2	1.1	1000	570	40–45	350–400
Z-PD50	**PP** double-layer monofilament	380–430	75–85	29–30	1.07	1000	560	50–60	250–300
Z-PD60	**PP** double-layer monofilament	480–530	95–105	35–40	1.08	1000	560	60–70	200–250
Z-PD70	**PP** double-layer monofilament	580–630	115–125	40–45	1.09	1000	560	70–80	180–200
Z-PD85	**PP** double-layer monofilament	750–850	150–170	70–80	1.20	900	573	85–100	150–180
Z-PD120	**PP** double-layer monofilament	1800–2000	355–395	180–200	1.66	1560	645	110–130	90–110
Z-TDF20	**PET** double-layer mono/multifilament	160–190	31–37	19.5–24	1.12	1390	983	20–25	600–700
Z-TD30	**PET** double-layer monofilament	200–250	40–50	18.4–20.6	1.00	1500	810	30–35	400–500
Z-TD50	**PET** double-layer monofilament	380–430	75–85	25.8–30.1	1.08	1500	818	50–60	250–300
Z-TD85	**PET** double-layer monofilament	750–850	150–170	44.0–48.5	1.18	1620	814	85–100	150–180
Z-TD120	**PET** double-layer monofilament	1400–1600	340–380	170–180	1.20	1620	814	120–150	100–120

Typical values supplied by the mill; individual batches may vary.
— = not listed; available on request.
CFM values are the 200 Pa air permeability converted to cfm/ft².

To select the right cloth, tell us: particle size of the solids (μm, d50 or a range); actual slurry temperature (°C); slurry pH; anything special about the material.

L Series — for vertical (tower) press filters

Used on vertical (tower) press filters: non-ferrous metals, chemicals, metallurgy, mining

Model	Material	Air permeability @200 Pa		Water permeability @1200 Pa (L/m²·s)	Thickness (mm)	Warp tensile strength (N/cm)	Weight (g/m²)	Particle retention (µm)
		L/m²·s	CFM					
L-TDF110	**PET** mono/multifilament	110–140	22–28	6–8	1.35	3000	1210	20–25
L-TDF35	**PET** mono/multifilament	35–45	7–9	3–4	1.30	3000	1210	5–10
L-TDF70	**PET** mono/multifilament	70–100	15–20	4.0–4.2	1.32	3000	1210	15–20
L-TDF250	**PET** mono/multifilament	250–300	53–57	20–24	1.53	3000	1383	—
L-TDF150	**PET** mono/multifilament	150–180	30–36	8–10	1.50	3000	1383	—
L-PTDF280	**PP/PET** mono/multifilament	280–340	55–67	25–30	1.90	2750	1347	—
L-PTDF80	**PP/PET** mono/multifilament	70–90	14–18	6–8	1.90	2750	1347	—
L-PTDF140	**PP/PET** mono/multifilament	140–160	27–32	10–15	1.90	2750	1347	—
L-PTDF280	**PP/PET** mono/multifilament	280–330	55–65	—	1.90	2750	1253	—
L-PTDF180	**PP/PET** mono/multifilament	180–230	36–45	—	1.90	2750	1253	—
L-PTDF500	**PP/PET** mono/multifilament	500–600	100–120	—	1.95	2750	1100	—
L-TDF26	**PET** mono/multifilament	26–37	5–7.5	1.80	2.16	3030	2043	3–8
L-TF30	**PET** multifilament	30–40	6–8	2.5–3.0	1.73	3100	1768	5–10
L-TF25	**PET** multifilament	25–30	5–6	2.0–2.5	1.70	3100	1768	—
L-PF40	**PP** multifilament	40–45	8.0–9.0	4.0–5.0	2.05	2550	1200	5–10
L-PF30	**PP** multifilament	30–40	5–6	3.0	2.05	2550	1200	5–10
L-PF220	**PP** multifilament	220–270	44–54	—	1.88	1950	1200	—
L-PF90	**PP** multifilament	90–120	15–25	—	1.88	1950	1200	—
L-PF110	**PP** multifilament	110–140	22–28	—	1.88	1950	1200	—

Typical values supplied by the mill; individual batches may vary.

— = not listed; available on request.

CFM values are the 200 Pa air permeability converted to cfm/ft².

L-PTDF280 is offered in two weights.

To select the right cloth, tell us: particle size of the solids (µm, d50 or a range); actual slurry temperature (°C); slurry pH; anything special about the material.