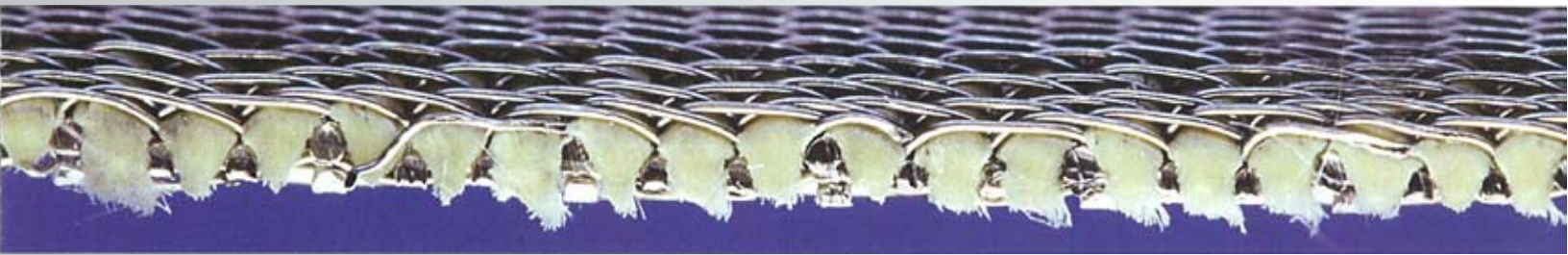


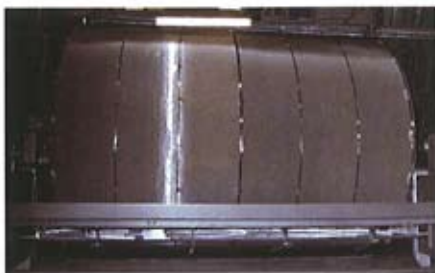
YMAX[®]



SolidWEAVE
systems media solution



WORLD WIDE WEAVE



YMAX[®] is a new product line of **GKD**









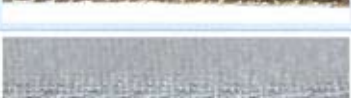






YMAX[®] woven mesh products can be designed to customer specific applications.

All **YMAX[®]** filter medias are composite structures with fine interstitial wires or fibers, woven into a heavier wire matrix. This provides efficient filtration performance; in the range of 3 μm up to 100 μm . This unique precisely woven filter media can reach dirt holding capacities similar to a high performance fibrefelt, while its pore structure is absolutely homogeneous. This precision allows the filtration process to be well defined. Optimized flow-rate properties, combined with low cut-points and high structural stability, is a unique combination for fine particle removal, even while operating at high process pressures (8-10 bar).

An additional characteristic of **YMAX[®]**, with its robust fibre-wire composite structure, is that it can be formed and tailored for application in many filter systems. Besides cylindrical and conical designs or plate filters, pleating is also possible. For further stabilization sintering further enhances performance.

Available in widths up to 3.5 meters and lengths up to 20 meters, **YMAX[®]** has the unique ability to be used in back-flushing filtration processes. Such mechanical strength has been previously unheard of in filter media with such low cut-point and high dirt holding characteristics.

GKD's **YMAX[®]** is highly versatile, finding wide application in many industrial filtration applications; mineral oil, vegetable oil, fine chemical, solvent and aqueous processes are all possible.

	part number	type	air permeability l/(m ² x sec)	air permeability cfm	porosity %	weight kg/m ²	thickness mm	available widths	construction	multifilament
	17570005	Ytex 2	32	4	66	1,33	0,48	1,20	2-lagig	PTFE
	17605020	Ytex 2	95	12	73	1,14	0,54	1,20	2-lagig	Aramid
	17375030	Ymax 2	120	16	57	1,58	0,46	1,20	2-lagig	Edelstahl
	17575050	Ytex 2	148	20	58	3,01	0,90	1,70	2-lagig	PTFE
	17375015	Ymax 2	200	26	53	2,31	0,62	1,70	2-lagig	Edelstahl
	17605015	Ytex 2	260	33	86	0,64	0,59	1,70	2-lagig	Aramid
	60680001300	Ymax 3	270	34	73	4,53	2,07	0,60	3-lagig	Edelstahl
	17375000	Ymax 2	293	40	53	3,17	0,86	1,70	2-lagig	Edelstahl
	17616090	Ymax 3	331	45	80	3,67	2,99	1,70	3-lagig	Glasfaser
	17616085	Ymax 3	500	70	73	4,49	2,06	1,70	3-lagig	Glasfaser
	17375037	Ymax 2	800	100	55	1,12	0,31	1,20	2-lagig	Edelstahl
	17600135	Ytex 3	1000	146	76	4,37	2,30	1,70	3-lagig	Aramid
	17606110	Ytex 3	1080	155	81	3,58	2,34	1,70	3-lagig	Aramid
	17376105	Ymax 3	1450	210	74	4,20	2,05	1,70	3-lagig	Edelstahl
	17376000	Ymax 3	1480	219	71	4,88	2,10	1,70	3-lagig	Edelstahl

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