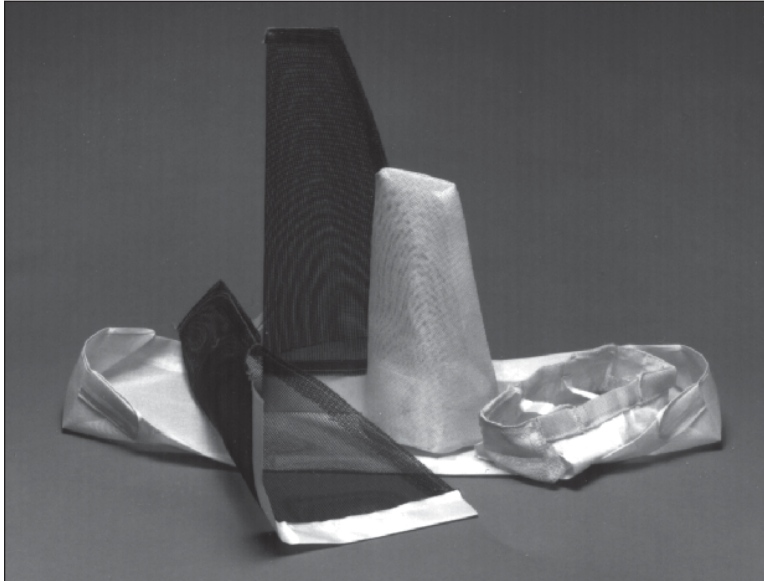


FIBERGLASS FILTRATION PRODUCTS

PRE-SEWN SHAPES FOR FILTRATION AND DIFFUSION



Pyrotek filtration fabrics are specially designed and woven for the diffusion and filtration of aluminium. High twist yarns are used to control strand diameters and resist flattening or distortion under pressure from contact with molten metal. The integrity of the weave pattern is maintained by the use of an organic resin or ceramic coating, and by the use of leno construction in density not available elsewhere. The production facility is ISO 9002 approved and tests are run on each batch for loss on ignition, rigidity, and hole size.

ADVANTAGES:

- Ease of installation
- Reduces turbulence
- Improves metal distribution
- Reduces scrap
- Removes oxides
- Eliminates spike racks
- Produces minimal odor and smoke upon contact with molten aluminium due to fabric treatments including ceramic coating

APPLICATIONS:

- Channel bags
- Launder windsocks
- Spout socks
- Combo bags

AVAILABILITY:

- Standard three strand fabric construction has been used satisfactorily worldwide for regular alloys in standard temperature range.
- For long cast, aggressive alloys, slightly higher temperature range, or when more strength is required, we offer four and six strand construction in the most common styles.
- For extremely demanding applications, Pyrotek can use higher temperature H-20 glass yarn offering about 95°C (200°F) more resistance to temperature and 40% more strength at elevated temperature.
- These woven fabrics, offered in a variety of weaves and coatings, are available as custom made pre-sewn shapes, with or without gaskets or wires, or in roll form. Modifications can be made at the weaving stage to meet specific requirements.

Pyrotek's worldwide locations provide fast reliable service. Please contact us for additional information.

Pyrotek



FIBERGLASS FILTRATION PRODUCTS SPECIFICATIONS:

Style Number	Strand Diameter		Strand Count per inch	Holes per in ²	Opening size (in ²)	% Open Area	Weave Type
	Warp inch	Fill inch					
30L6	0.045	0.051	5 x 5	23	0.02530	59.0	Leno
31L4	0.040	0.042	6 x 6.5	38	0.01440	55.5	Leno
32L	0.034	0.038	7 x 7	49	0.01150	56.1	Leno
33L6	0.051	0.047	8 x 7	55	0.00719	39.8	Leno
34L	0.034	0.037	8.5 x 7.5	64	0.00794	50.9	Leno
34P4	0.031	0.040	9.5 x 8	75	0.00649	48.4	Plain
36F	0.027	0.044	10.5 x 8.5	90	0.00497	44.6	Plain
36L	0.036	0.034	9.5 x 9	89	0.00499	44.5	Leno
36P	0.027	0.033	10.5 x 9.5	100	0.00488	48.7	Plain
36P4	0.031	0.042	9.5 x 10.5	99	0.00400	39.7	Plain
40F	0.027	0.044	10.5 x 9.5	100	0.00417	41.6	Plain
40L	0.037	0.034	11 x 9	102	0.00396	40.3	Leno
40P	0.027	0.033	11.5 x 11	129	0.00338	43.5	Plain
40P4	0.032	0.039	9.5 x 8.5	81	0.00572	46.3	Plain
42P	0.029	0.034	11.5 x 12	135	0.00297	40.1	Plain
42F	0.030	0.044	11 x 10	110	0.00344	37.8	Plain
43FK	0.030	0.044	13.5 x 10.5	146	0.00213	31.2	Plain
43P	0.029	0.034	13.5 x 13	176	0.00192	33.9	Plain
43P4	0.035	0.046	13.5 x 12	164	0.00143	23.4	Plain
55F	0.021	0.031	16.5 x 14	242	0.00149	35.9	Plain
55P	0.021	0.027	17 x 16.5	278	0.00129	35.9	Plain
59F	0.022	0.033	18.5 x 16	297	0.00096	28.5	Plain
59P	0.024	0.029	19 x 18.5	348	0.00075	26.0	Plain
65F	0.026	0.034	21 x 16.5	344	0.00058	20.1	Plain
65P	0.026	0.030	21 x 20	409	0.00046	18.8	Plain

Advanced Metals Processing Technology



Note: the physical and chemical properties listed represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Additional information regarding the above specifications is available upon request.