



High Temperature Fabrics

Technical Information

providing all the latest and traditional methods of belt joining for maximum flexibility and performance.

Style	HIT/FG/3 Fiberglass 3 Ply	HIT/APA/4 Aramide/Pan 4 Ply	HIT/AW/4 Aramide/Wire 4 Ply	HIT/A/3 Aramide 3 Ply	HIT/ABW/2 Aramide Bulk Weave	HIT/AP/N Aramide/ Polyester
Ply	3	4	4	3	2	NA
Description	Teflon-coated Glass Aramide Edge	Aramide/Pan Polyacrylonitrile	Aramide/Wire Innerweave	Aramide	Aramide, Bulk Weave	Aramide Top Polyester Base
Thickness						
mm.	7.6	4.7	4.0	3.2	6.4	7.6
in.	0.3	0.187	0.164	0.125	0.25	0.3
AWT						
N/mm	175	16	13	7	6	0.13
lb./in.	100	90	75	40	35	0.75
Approx. lb./in.ft.						
kg/m ²	9.7	2.99	2.58	2.58	3.81	3.1
lb./in.ft.	0.165	0.051	0.044	0.044	0.065	0.053
Minimum Pulley						
mm.	153	76	76	76	76	102
in.	6	3	3	3	3	4
Temp Range						
°C	420-650	420-590	420-590	370-480	370-480	260
°F	800-1200	800-1100	800-1100	700-900	700-900	500
Lacing						
	A5	#3SS Clipper	#3SS Clipper	#1SS Clipper	#4SS Clipper	#3SS Clipper

High Temperature Belting Standard Stock Sizes

HIT/FG/3
Fiberglass
3 Ply

WIDTH

mm	in.
51.00	2.00
121.00	4.75
127.00	5.00
305.00	12.00
610.00	24.00

HIT/APA/4
Aramide/Pan
4 Ply

WIDTH

mm	in.
25.00	1.00
51.00	2.00
76.00	3.00
102.00	4.00
125.00	4.94
152.00	6.00
203.00	8.00
229.00	9.00
254.00	10.00
305.00	12.00
610.00	24.00
762.00	30.00

HIT/AW/4
Aramide/Wire
4 Ply

WIDTH

mm	in.
254.00	10.00
305.00	12.00
610.00	24.00
762.00	30.00
914.00	36.00

HIT/A/3
Aramide
3 Ply

WIDTH

mm	in.
51.00	2.00
76.00	3.00
102.00	4.00
127.00	5.00
229.00	9.00

HIT/ABW/2
Aramide Bulk
Weave

WIDTH

mm	in.
51.00	2.00

HIT/AP/N
Aramide/
Polyester

WIDTH

mm	in.
1524.00	60

Non - standard sizes are available at minimum production levels. Contact customer service for requirements.

Subject to temperature and loading.

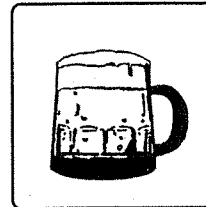
Plus/Minus subject to volume, product mass and conveyor length.

Can be cut to any width up to 1524mm/60in.

Applications

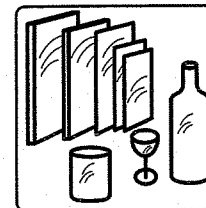
HIT/FG/3 FIBERGLASS 3 PLY

For use in the extreme heat and mass applications of pressware, take-out pads and fingers, heat shields/curtains and ware guides.



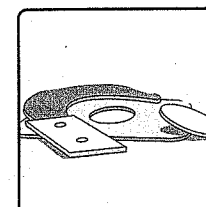
HIT/AW/4 ARAMIDE/WIRE 4 PLY

For extreme heat and mass applications of pressware. Use this product where HIT/FG/3 is not an option. Recommended for large funnels.



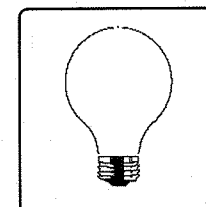
HIT/A/3 ARAMIDE 3 PLY

The smooth weave feature is suitable for lightweight conveying and rail cover applications in glass and metal castings. This product can also be utilized for fluidized bed conveyors at elevated temperatures. We can treat and punch this product for vacuum and scoop pads.



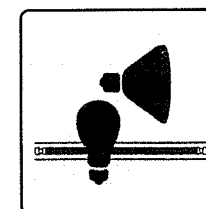
HIT/APA/4 ARAMIDE/PAN 4 PLY

Particularly suited for various pressure applications including but not limited to Plates, Optical Glass, Headlight Lens, Ribbon Machines and TV Funnels. Also used in bulb manufacturing for conveying extrusion, chemical and board processing, light cast conveying and in annealing units for blow molded plastics.



HIT/ABW/2 ARAMIDE BULK WEAVE

Bulk thickness to elevate product above flanges. Designed for conveying and mold pad use in Fluorescent tube manufacturing.



HIT/AP/N ARAMIDE/POLYESTER

The needled Aramide/Polyester construction is suitable for application in the glass, metal, particleboard and plastics industries.

