

# PRODUCT NEWS

Reinforcing for Plastics  
Coating and Laminating  
Military and Aerospace  
Mechanical  
Thermal  
Electrical Insulation

## *Boat and Tooling Tapes*

### **Fiberglass Woven Tapes**

Boat and tooling tapes manufactured by Hesgon are used in the majority of cases for “wet layup” applications. Our tapes have a fairly open weave to optimize wettability and cure time for the product. To insure maximum compatibility between the glass and resin, Hesgon glass tapes are supplied with custom prefinishes. Unfinished tape (greige) or special finishes are available upon request.

#### **112 Finish**

In this heat cleaning process, the starch and oil binder is completely removed from the tape. This treatment is compatible with most all resins and the best adhesion or bond strength with silicone is achieved with this finish. **No 112** is our standard finish and is supplied if no other specific finish is requested.

#### **No 16 Finish**

In this heat cleaning process the organic starch and oil binder is almost completely removed from the tape. A light coating of polyester and epoxy compatible silane finish is added to the tape for superior wet-out performance. **No. 16 Finish** is supplied upon request.



**Hesgon**  
NARROW FABRICS

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3330 East 14th St.  
Brownsville, TX 78521  
Phone: (956) 542-5491  
Fax: (956) 541-4748  
email: [sales@Hesgon.com](mailto:sales@Hesgon.com)  
[www.Hesgon.com](http://www.Hesgon.com)

# Boat and Tooling Tapes

## Typical Construction Data

Style No	Thickness	Width		Warp Total Ends*	Filling		Weight	
		Inches	mm		Picks/Inch*	Picks/cm	OZ/SQYD	GR/SQM
<b>500</b>								
500 - .50 - 50	.014"	1/2"	12.7	11	15	5.9	11.46	388.49
500 - .75 - 50	.36mm	3/4"	19.1	14	15	5.9	10.42	353.24
500 - 1 - 50		1"	25.4	18	15	5.9	10.21	346.12
500 - 1.5 - 50		1 1/2"	38.1	26	15	5.9	10.00	339.00
500 - 2 - 50		2"	50.8	31	15	5.9	9.43	319.68
500 - 3 - 50		3"	76.2	45	15	5.9	9.28	314.59
500 - 4 - 50		4"	101.6	61	15	5.9	9.36	317.30
500 - 6 - 50		6"	152.4	90	15	5.9	9.28	314.59
500 - 8 - 50		8"	203.2	120	15	5.9	9.28	314.59
500 - 12 - 50		12"	304.8	180	15	5.9	9.28	314.59
<b>520</b>								
520 - .50 - 50	.010"	1/2"	12.7	12	16	6.3	9.22	312.56
520 - .75 - 50	.25mm	3/4"	19.1	16	16	6.3	8.60	291.54
520 - 1 - 50		1"	25.4	19	16	6.3	8.06	273.23
520 - 1.5 - 50		1 1/2"	38.1	30	16	6.3	8.29	281.03
520 - 2 - 50		2"	50.8	38	16	6.3	8.06	273.23
520 - 3 - 50		3"	76.2	55	16	6.3	7.91	268.15
520 - 4 - 50		4"	101.6	72	16	6.3	7.83	265.44
520 - 6 - 50		6"	152.4	108	16	6.3	7.83	265.44
520 - 8 - 50		8"	203.2	145	16	6.3	7.86	266.45
520 - 12 - 50		12"	304.8	212	16	6.3	7.76	263.06
<b>640</b>								
640 - 1 - 50	.008"	1"	25.4	23	16	6.3	5.99	203.06
640 - 1.5 - 50	.20mm	1 1/2"	38.1	33	16	6.3	5.84	197.98
640 - 2 - 50		2"	50.8	43	16	6.3	5.68	192.55
640 - 3 - 50		3"	76.2	63	16	6.3	5.68	192.55
640 - 4 - 50		4"	101.6	82	16	6.3	5.61	190.18
640 - 6 - 50		6"	152.4	122	16	6.3	5.58	189.16
640 - 8 - 50		8"	203.2	161	16	6.3	5.55	188.15
640 - 12 - 50		12"	304.8	242	16	6.3	5.56	188.48
<b>1522</b>								
1522 - 2 - 100	.006"	2"	50.8	50	22	8.6	3.61	122.38
1522 - 3 - 100	.15mm	3"	76.2	75	22	8.6	3.61	122.38
1522 - 4 - 100		4"	101.6	100	22	8.6	3.61	122.38
1522 - 6 - 100		6"	152.4	150	22	8.6	3.61	122.38
1522 - 8 - 100		8"	203.2	200	22	8.6	3.61	122.38
1522 - 10 - 100		10"	253.9	250	22	8.6	3.61	122.38

\* +/-2

Special constructions and widths are available by request.  
Tapes are manufactured in widths of 1/4" (6.4mm) to 12" (304.8mm)  
and thicknesses of .003" (.08mm) to .025" (.64mm).