

3M™ Nextel™ Woven and Braided Tape

3M™ Nextel™ Woven and Braided Tape 312 and 440 – Typical Properties

Style	Tape Width		Weight (sized)		Thickness (sized)		Breaking Strength without Sizing*	
	inch	cm	oz/yd	g/m	inch	mm	lbs/in	kg/cm
3M Nextel Woven Tape 312, Style AP-18								
	1.0	2,5	0.30	9,3	0.018	0,46	160	29
	1.5	3,8	0.45	14,0	0.018	0,46		
	2.0	5,1	0.60	18,6	0.018	0,46		
3M Nextel Braided Tape 312, Style AP-50**								
	1.16	2,9	1.40	43,4	0.061	1,55	290	52
3M Nextel Woven Tape 440, Style BP-18***								
	1.0	2,5	0.33	10,2	0.019	0,48	180	32
	1.5	3,8	0.50	15,5	0.019	0,48		
	2.0	5,1	0.66	20,5	0.019	0,48		

Input yarn for Style AP-18 is 900 denier 3M Nextel Plied Yarn 312, 1/2, 1.5 z.

Input yarns for Style AP-50 are 3600 denier 3M Nextel Plied Yarn 312, 1/2, 1.5 z and 900 denier roving.

Input yarn for Style BP-18 is 1000 denier 3M Nextel Plied Yarn 440, 1/2, 1.5 z.

* Test method ASTM D5035; tests conducted at room temperature.

** Tape is manufactured with an adhesive backing.

*** Available only by special order.

Notes:

When installing tape, a 50% overwrap by width is recommended.

For typical hot face/cold face temperature properties for AP-18, refer to the hot face/cold face chart for AF-14 using two layers (page 22).