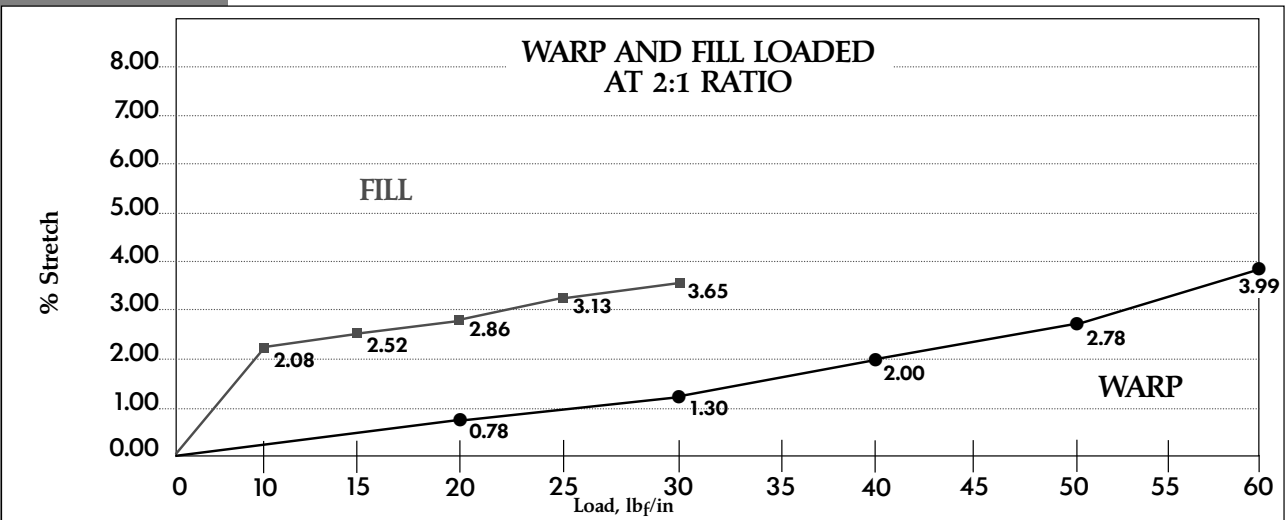
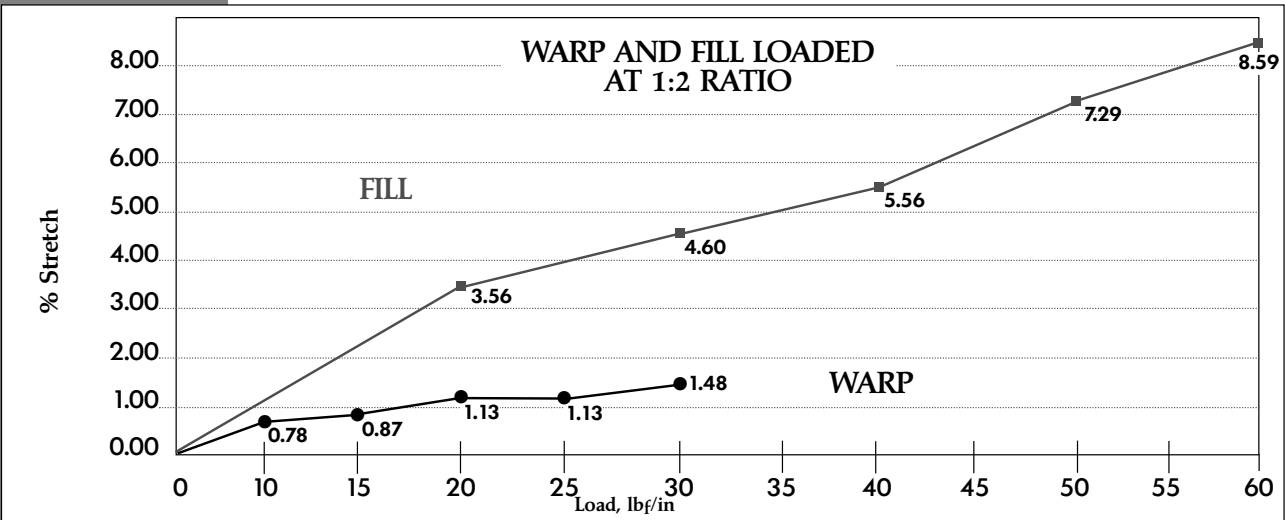
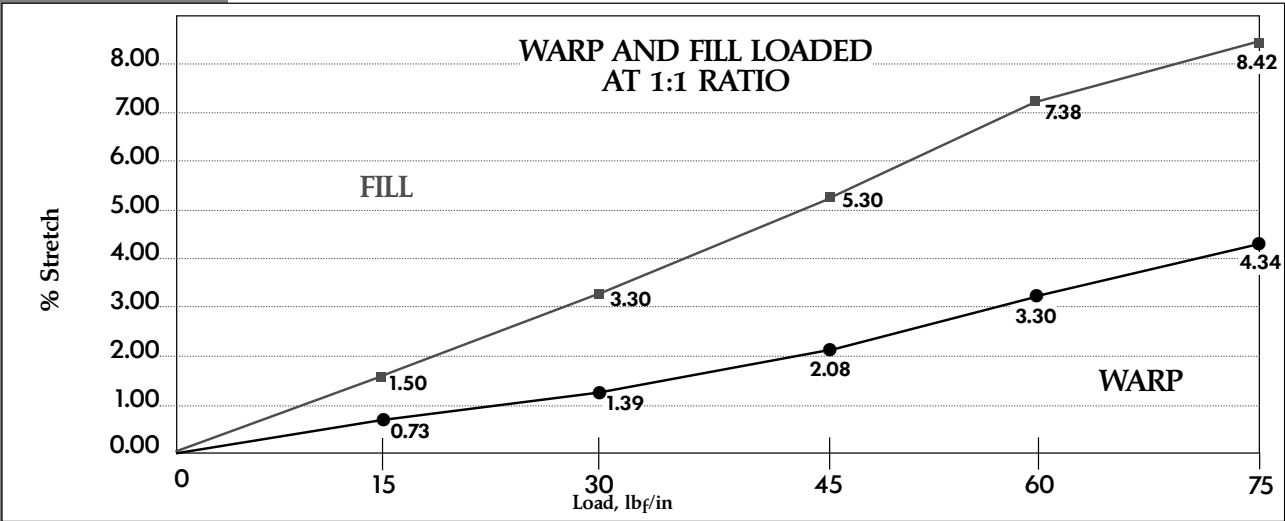


## High Performance 8424 Architectural Fabric

8424 Architectural	Standard	Metric
Base Fabric Type Base Fabric Weight (nominal)	Polyester 5.0 oz/yd <sup>2</sup>	Polyester 170 g/m <sup>2</sup>
Finished Coated Weight ASTM D751	24 oz/yd <sup>2</sup> +2/-1 oz/yd <sup>2</sup>	814 g/m <sup>2</sup> +70/-35 g/m <sup>2</sup>
Tongue Tear ASTM D751	8"x10" sample @ 12 in/min. 160/160 lb <sub>f</sub>	20.3 cm x 25.4 cm sample @ 30.5 cm/min. 712/712 N
Trapezoid Tear ASTM D4533	50/60 lb <sub>f</sub>	267/245 N
Grab Tensile ASTM D751	375/350 lb <sub>f</sub>	1669/1558 N
Strip Tensile ASTM D751 Procedure B	300/275 lb <sub>f</sub> /in	267/245 daN/5 cm
Adhesion ASTM D751 Dielectric Weld	10 lb <sub>f</sub> /in	9 daN/5 cm
Hydrostatic Resistance ASTM D751 Procedure A	500 psi	3.45 MPa
Dead Load MIL-T-52983E (modified) Para. 4.5.2.19	2 in seam, 4 hr, 1 in strip 106 lb <sub>f</sub> @ room temp. 53 lb <sub>f</sub> @ 160° F	5 cm seam, 4 hr, 2.5 cm strip 472 N @ room temp. 236 N @ 71° C
Low Temperature ASTM D2136 LTC 1/8" mandrel, 4 hr LTA	Pass -40° F Pass -67° F	Pass -40° C Pass -55° C
Flame Resistance	Meets California fire marshal requirements, UL214, NFPA 701, and FTMS 191, Method 5903 - 2 second flameout ASTM E84 - flame spread index <25, smoke development rating <450	

# ARCHITECTURAL FABRIC SPECIFICATIONS

**Biaxial Stretch Test**



We believe this information is the best currently available on the subject. We offer it as a suggestion in any appropriate experimentation you may care to undertake. It is subject to revision as additional knowledge and experience are gained. We make no guarantee of the results and assume no obligation or liability whatsoever in connection with this information. In case of conflict between standard and metric specifications, standard shall apply.