

## 3M Scotch® 899 Filament Tape

Category : Polymer , Adhesive

**Material Notes:**

Scotch® Filament Tape 899 is a high performance packaging tape reinforced with continuous glass-yarn filaments that give the tape very high tensile strength and low stretch. The red 3M™ Scotchpro™ Film backing provides excellent abrasion and moisture resistance. The aggressive packaging-grade adhesive is specifically formulated to provide an excellent balance of initial adhesion and long-term holding power to most fiberboard surfaces, including recycled and printed fiberboard surfaces. When used in bundling, reinforcing, or coil tabbing applications, where high temperatures and/or oily surfaces are involved, tests should be conducted per the individual application before extensive use to determine the tape's suitability. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-899-Filament-Tape.php](http://www.lookpolymers.com/polymer_3M-Scotch-899-Filament-Tape.php)

Physical Properties	Metric	English	Comments
Thickness	168 microns	6.60 mil	ASTM D3652

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	37.5 MPa	5440 psi	ASTM D3759
Elongation at Break	3.0 %	3.0 %	ASTM D3759
Peel Strength	0.7669 kN/m	4.375 pli	Adhesion to Steel; ASTM D3330

Descriptive Properties	Value	Comments
Adhesive Type	Pressure sensitive synthetic rubber resin	
Appearance	Red	

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