

3M™ Filament High Strength Tapes

						
Product number	8953	8954	8956	8959	8981	8915
Properties/suitable for	Fibreglass longitudinally reinforced	Bi-directional fibreglass reinforced	Fibreglass longitudinally reinforced	Bi-directional fibreglass reinforced	High performance	Removable
Key features (info box)						

Physical and Performance Characteristics, Key Features

Product number	8953	8954	8956	8959	8981	8915
Total thickness [mm]	0.100	0.125	0.120	0.130	0.168	0.152
Adhesive type	Synthetic rubber resin	Synthetic rubber resin	Synthetic rubber resin	Synthetic rubber resin	Synthetic rubber resin	Synthetic rubber resin
Colour	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent, light blue
Backing material	Polypropylene film, fibreglass reinforced	Polypropylene film, bi-directional fibreglass reinforced	Polypropylene film, fibreglass reinforced	Polypropylene film, bi-directional fibreglass reinforced	Polypropylene film, fibreglass reinforced	Polypropylene film, fibreglass reinforced
Peel strength [Newton/25 mm]	13.8	17.5	20	22.5	19.3	17.8
Tensile strength [Newton/25 mm]	625	338	650	700	1665	745
Elongation at break	10%	10%	6%	6%	3%	3%
Light weight bundling & reinforcing	●		●			
Medium weight bundling & reinforcing		●		●		●
Heavy weight bundling & reinforcing					●	
Clean removal						●

Suggested Applications

Product number	8953	8954	8956	8959	8981	8915
Light-duty strapping, bundling, and reinforcing applications	●		●			
Box closing and reinforcing	●	●	●			
Bundling of light to medium weight products		●				
Heavy box closure				●		
Cross web splicing				●		
Bundling of medium weight products				●		●
Bundling of heavy weight products					●	
Metal coil tabbing and bundling					●	
L-clip and U-clip closures					●	
Pallet unitising, bundling for shipping and handling					●	●
Temporary holding and attachment						●
Product number	8953	8954	8956	8959	8981	8915

Product Use
All statements, technical information, and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluates the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application. All questions of liability relating to this product are governed by the terms of the sale subject, where applicable, to the prevailing law.