



Scotchâ Tape 8981N

High Performance Filament Tape

Suitable for applications in nuclear centres

Dated : March 2000

Manufactured in an ISO 9002 certified facility

Product Description

A high performance tape reinforced along its length with continuous glass yarn filaments which gives the tape very high tensile strength and excellent nick

resistance. The transparent ScotchPar™ backing provides excellent abrasion, moisture and scuff resistance. The adhesive is an aggressive packaging

adhesive specifically formulated to provide balanced performance, having both high adhesion and long term holding power.

Physical Properties

Not for specification purposes

Adhesive Type	Pressure sensitive solvent rubber/resin	
Backing	ScotchPar™ polyester film	
Reinforcement	Glass Yarn	
Total Thickness	150 microns (0.150 mm)	ASTM D-3652
Available Widths	Contact your local sales office	Available Lengths Contact your local sales office
Core Size (ID)	76 mm (3")	
Colour	Transparent	
Storage Conditions	Store behind present stock, in a clean dry place. Temperature of 4-26°C (40 - 80°F) & 40-50 % Relative Humidity are recommended. Rotate your stock.	

Performance Characteristics

Not for specification purposes

Adhesion to Stainless Steel	7.6 N/cm	ASTM D-3330
Tensile Strength	665.5 N/cm	ASTM D-3759
Elongation at Break	3 %	ASTM D-3759

Application

An extensive line of application equipment including hand held manual dispensers and semi-automatic L-Clip applicator. Application of 8981N is

most easily accomplished at room temperature. At colder temperatures, approaching 0°C (32°F), the adhesive becomes more firm. Once applied, 8981N

performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

Date : March 2000
8981N High Performance
Filament Tape

3M Scotch and ScotchPar are trademarks of the 3M Company.

Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.



Packaging Systems Division

3M ITALIA S.p.A.
Packaging Systems Customer Service
Via S. Bovio 3 - Milano S. Felice
20090 SEGRATE MI
ITALY

Tel. + 39 02 7035 3174/3173
Fax. + 39 02 7035 2104/3124

© 3M United Kingdom PLC 2000