



Scotch[®] Filament Tape 898MSR

Product Data Sheet

August 2013
Supersedes: New

Product Description

Scotch Filament Tape 898MSR is a high-performance transparent filament tape reinforced along its length with continuous fibreglass-yarn filaments, which gives the tape a very high tensile strength. The clear polyester backing provides excellent abrasion, moisture and scuff resistance. The adhesive is a modified synthetic rubber resin adhesive specifically formulated to provide very good oily metal adhesion performance. The adhesive also provides a balanced performance having high adhesion and long term holding power for a variety of metal working applications.

Key Features

- Abrasion and moisture resistant.
- Good oily metal adhesion.
- High tensile strength.
- Allows printing and illustrations to be seen through the tape.
- High shear and good initial adhesion.
- Good aging.
- Good protection of filaments and adhesive to provide longer package life.
- Assures maximum package performance for limited outdoor use.
- Saves time through ease of dispensing and handling when used with a 3M dispenser.
- Provides advertising and warning capability when printed.
- Low unit costs by using less tape on applications where high tensile strength is one of the main requirements.
- Good holding, with minimum amount of tape, under a wide range of application conditions.
- Holds instantly with minimum rubdown.
- Boxes remain securely closed through normal warehouse time cycles.

Physical Properties

Adhesive Type	Rubber Resin (synthetic)
Backing	Polyester
Reinforcement	Glass yarn
Colour	clear

Performance Characteristics

	898MSR
Adhesion to Steel (Afera 5001)	8.3 N/cm
Tensile Strength (Afera 5004)	820 N/cm
Elongation (Afera 5004)	7%
Total Thickness (Afera 5006)	0.182mm

Storage	Store behind present stock. Store in a clean, dry place. Temperature of 4-26°C and 40-50% relative humidity are recommended. Rotate your stock.
Shelf Life	To obtain best performance, use this product within 18 months from date of dispatch.
For Additional Information	To request additional product information see address below.
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3M United Kingdom PLC
2M Centre, Cain Road, Bracknell
RG12 8HT
United Kingdom

3M Svenska AB
Herrjärva torg 4
170 67 Solna
Sweden

3M Eesti OÜ
Pärnu mnt. 158
11317 Tallinn
Estonia

3M Ireland Ltd
The Iveagh Building, 3rd Floor
The Park, Carrickmines 18
Ireland

3M a/s
Hannemanns Allé 53
DK-2300 Copenhagen S.
Denmark

3M Latvia SIA
K.Ulmaņa gatve 5
Rīga, LV-1004
Latvia

3M Belgium bvba/sprl
Hermeslaan 7
1831 Diegem
Belgium

3M Norge AS
Tærudgata 16
2004 Lillestrøm
Norway

3M Lietuva UAB
A.Goštauto g. 40
Vilnius LT- 03163
Lithuania

3M Nederland B.V.
Molengraaffsingel 29
2629 JD Delft
The Netherlands

Suomen 3M Oy
Keilaranta 6
02150 Espoo
Finland