



Manufacturing Standards

ME

PAPER WIPES - 4-ply - HIGH STRENGTH

Papier-Wischtücher 4-lagig, hochfest

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1. SCOPE

The material described by this Ford Manufacturing Standard is a 4-ply, high strength wipe with intermediate net ply.

2. APPLICATION

This paper wipe is used for cleaning operations where oil and water are to be removed from surfaces.

3. REQUIREMENTS

3.1 Conditioning (ASTM D 685 Section 3.2)

All materials must be conditioned for 24 hours at $23^{\circ}\text{C} \pm 1^{\circ}\text{C}$ and $50\% \pm 2\%$ relative humidity prior to testing.

3.2 Absorbent Capacity - (Minimum ASTM D 1117) (ASTM - small)

Oil / water / solvent 500 %

3.3 Wet Tensile Strength (ASTM D 829)

900 g minimum

3.4 Dry Tensile Strength (ASTM D 828)

1100 g minimum

3.5 Basis Weight - (ASTM D 646)

4-ply with intermediate nylon net ply - 75 g/m^2 minimum

3.6 Size

Roll (750 sheets)

Interleaved sheets

Width 380 mm

Width 400 mm

Length 400 mm

Length 400 mm

(perforated every 400 mm)

(folded to 200 mm x 200 mm)

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3.7 pH (ASTM D 778)

6.0 - 8.0

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3.8 Dye Fastness

Must be stable to water, oil and solvents in normal use.

3.9 Finish

The presence of metallic or other abrasive impurities is not permitted.

3.10 Packaging

Packaging shall confirm to accept industry standards. Number of sheets or rolls per package / packages per case shall be approximately displayed on exterior of case etc.

3.11 Disposal

In the interest of fire prevention and good housekeeping, these wipes at the end of their useful life must be placed in a suitable receptacle e.g.:-

- . a drum containing 15 mm of water
- . a metal container with either a tight fitting lid, self closing lid, or a hinged lid containing a fusible plug.

An adequate number of such containers, identified as containing inflammable materials in conformity with Ford Manufacturing Standard U-SN001 - Safety Signs - must be provided in all using locations.

Materials must be disposed of in accordance with Procedure EU-I-15 - Control and Disposal of Hazardous Wastes.

Plant Security, Medical and Safety Units and Fire Department must be notified of the presence and use of this material in the plant to ensure that proper precautions are adopted. The locations in which it is to be used, stored and disposed of must be included in this notification.

4. SPECIAL REQUIREMENTS

See Ford Manufacturing Standard W-MXX - Standard Requirements applicable to Procurement of Non-Production Materials, Machines and Equipment.

Substance restrictions imposed by law, regulations, or Ford, apply to the items addressed by this document. The restrictions are defined in Engineering Material Specification WSS-M99P9999-A1.