

OUTDOOR INDUSTRY ASSOCIATION

Sample Template

Company Name:

DWR Performance Specification for Product:

SCOPE & APPLICATION

Fabric and products

Intended for the following activities:

With special emphasis on:

Temperature ranges of:

These conditions:

PERFORMANCE STANDARDS

Water Repellency: Test Standard: AATCC 22.

Spray Rating Initial test:

Folloup test:

after

washes

Bundesmann Test Requirement (ISO 9865:1991):

Grade:

Lower grade may be acceptable on a case-by-case review

Wet Pickup:

% minimum.

Oil Repellency Requirements: Test Standard- AATCC 118'124.

Initial test:

Followup test:

after

washes

Note: Oil repellency requirement may be waived should PFC-Free chemistry be selected and dependent on the end use of the fabric or garment in question.

Wash Method(s): Cite relevant AATCC Wash Method(s):

Relevant Fabric Types: (add specificity if it is helpful)

1. 100% Polyester
2. 100% Nylon
3. Cotton/Synthetic Blends

Suppliers are required to provide test reports for the performance parameters noted above in order to proceed with the development process (e.g., lab garment testing, field testing).

ADDITIONAL PRODUCT QUALITY REQUIREMENTS

Product development team assesses the following factors on all trial yardage. 10 yards of fabric is required for:

- Hand Feel: The application must not unreasonably stiffen the fabric to the touch.
- Chalking & Marking: It is unacceptable for the application to cause chalk or other undesirable marks on fabric.
- Color Change: It is unacceptable for the application to drastically change hue of color when applied.
- Wash & Wear Testing: With reference to Performance Standards noted above as well as within our company's Quality Testing Manual.

CHEMICAL COMPLIANCE

DWR Product/Chemistry must (user should define the content of this list):

- Comply with the Restricted Substances List (RSL) requested by the company.
- Be reviewed and approved by a third-party certifier (e.g., bluesign, Oekotex®, etc.).
- Comply with legal / regulatory requirements at the manufacturing site and where Product is sold.
- Additional compliance criteria may be added.

DWR Recipe and Process Disclosure

- Has the Facility (Mill) where the DWR is applied completed the Higg Index Facility Module? If so, it will inform many of these criteria:
 - Mill's resource consumption (e.g., water, energy, etc.)
 - Product stewardship practices
 - Facility level occupational health and environmental management

DWR Use and Application to Fabric

- Application Bath recipe (using input chemicals that all have GHS compliant Safety Data Sheets, aka SDSs).
- Application Process (procedure, concentration, temperature, time, bath dumps, replenishment frequency, etc.) used by the manufacturer (mill) must be identified.
- The DWR chemical supplier (SDS Provided).
- Additional criteria may be added.

Separate from this DWR Performance Specification document, the Facility (Mill) may be asked to provide the quantity and cost (liters/sq. meter of fabric) of DWR application (includes all chemicals used to accomplish the DWR application) for each fabric type noted above in order to achieve the requirements defined within this specification.