

Silicone-based
PFC-free Durable Water Repellent

NEOSEED®

NR-8800

NR-8800 gives high durable water repellency to synthetic fabric with softness, least impact on chalk mark and seam slippage.

General properties

Appearance : White liquid
Composition : Silicone,
Nonionic and Cationic surfactant,
Aliphatic compound, Water
Ionic nature : Weakly Cationic
pH : Approx. 10 (undiluted)
Solubility : Soluble in water

Handling instruction

- ① Please check the peeling strength for laminated and coated fabrics.
- ② Please refer to the SDS for proper handling.

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Well balanced performance between durable water repellent and softness!

DWR

Softness

Scratchproof

Anti seam slippage

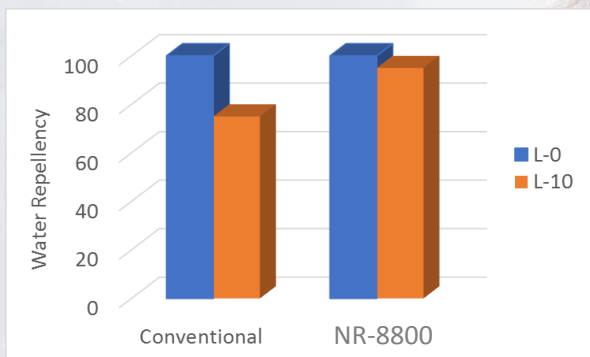
Main factor >

Higher demand of PFC-free DWR from apparel

Higher requirement of seam slippage by thinner layer of lighter wear

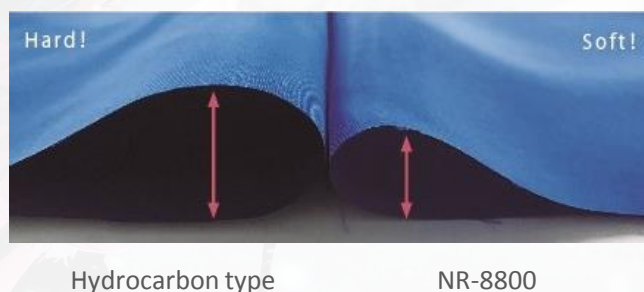
Higher demand of softness feel (improvement of comfortable and flexible ,scratchproof)

01 Durable Water Repellency



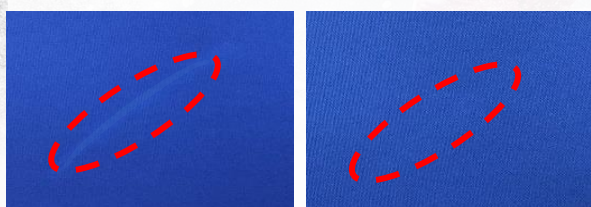
NR-8800 provides **DWR**.

02 Softness



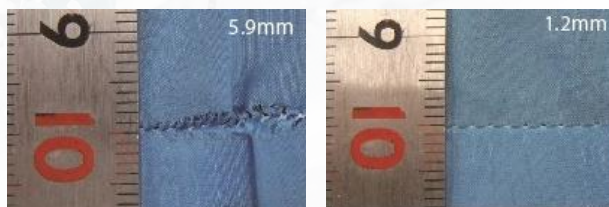
NR-8800 provides **softness**.

03 Scratch Proof



NR-8800 provides **scratch resistance**.

04 Anti Seam Slippage



NR-8800 provides **less impact on seam slippage**.

Application

- Optimum usage amount :
It depends on the material, construction, weight and machine, a standard usage is as follows.
Pad application : 4-8% soln. (WPU: 50-80%)
*WR performance might be unstable by using under lower temperature.
- Recommended recipe :
NEOSEED NR-8800 : 4-8% soln.
NK ASSIST NY-50 or FU : 0.5-1% soln.
TEXPORT BG-2 or BG-290 : 1-2% soln.
Acid : pH 6 (AcOH : 0.01-0.05 g/L)

【Process】 Pad-Dry(130°C×60sec.)-Cure(170°C×30-60sec.)
*Padding rolls could accumulate build up if out of the recommended range.
*Lower amount of NR-8800 could affect the performance repeatability.