

How to Scour Spandex®

Spandex® is generally used in blends with other fibers. Do not exceed the boil in any procedure using Spandex® as the physical properties may deteriorate and do not use chlorine in any bleaching procedures with Spandex® as it will cause yellowing and possible degradation of the fiber.

1. In a scouring bath with liquor ratio of 20:1 and temperature at 100°F(37°C), add:

0.25% owg	Orco Ferrosol NA4™
1.5-2.0% owg	Orcopon PCA™
1.0% owg	Tetrasodium Pyrophosphate(TSPP)
2. Slowly raise temperature to 170°F(77°C) and run for 30 minutes.
3. Overflow rinse until clear.

Note: In a pressure vessel such as a jet or beam, it is advisable to use a low-foaming scouring agent such as **Orco Penetrant 120™**. In this case, a lower scouring temperature of 110-120°F(44-49°C) is required as the cloud point of this product is 120°F(49°C). A higher temperature may be used at which point the **Orco Penetrant 120™** will be above its cloud point and cease foaming. When the temperature is brought back down to 120°F, the Penetrant 120 will re-solubilize and its scouring/detergent properties will re-activate and prevent redeposition of oils and soil onto the fabric.

In a situation where the fabric is heavily stained/soiled, a solvent scour may be necessary.

1. In a fresh bath at 100°F(38°C) add 0.5% owg TSPP and 3-5% owg **Orco Citrisolve DL-AAS-2™**.
2. Slowly bring temperature to 175°F(80°C) and run for 30 minutes.
3. Drop bath and set new scour bath as described above. The running time may be decreased from 30 to 15 minutes.