

Drop-stitch Double-wall Fabric

DSF 80265/DSF 10027/DSF 15028/DSF 210285/DSF 30033

Soyang's industrial technical textiles series offers tailored solutions with the broadest range and top-tier quality.

BRIEF DESCRIPTION

- High High tensile strength and high stiffness
- Extremely bending resistant
- Dimensionally stable thanks to even spacer threads
- High pressure resistance and excellent stress distribution
- Excellent air-tightness
- Good durability
- Resistance to UV, mildew & chlorine

APPLICATIONS

- Lift pads, inflatable boats, rafts, inflatable boards, inflatable mats, separating walls, docks, inflatable floors in tents and various applications in different fields

MATERIAL DETAILS

| SPECIFICATIONS | | RESULTS | | | | |
|-------------------------------|---------------|--------------------------------------|---------------|---------------|---------------|---------------|
| Space Yarn | Denier | 500 | | | | |
| | Interval (mm) | 80(±5%) | 100(±5%) | 150(±5%) | 210(±5%) | 300(±5%) |
| Base Cloth | Denier | 500 | | | | |
| | Shape | Wavy, starry, linear | | | | |
| Weight | | 2650(±200)gsm | 2700(±200)gsm | 2800(±200)gsm | 2850(±200)gsm | 3300(±200)gsm |
| | | 77(±6)oz | 78.5(±6)oz | 81(±6)oz | 83(±6)oz | 96(±6)oz |
| Color | | Light grey, white, royal blue, black | | | | |
| Breaking Strength (Warp/Fill) | | MIN 1400/2000/5cm | | | | |
| | | MIN 318/454 lbs/2" | | | | |
| Tearing Strength (Warp/Fill) | | 500/600 N | | | | |
| | | 113/136 lbs | | | | |
| Adhesion Strength (Face/Back) | | 150/150(±20) N/5cm | | | | |
| | | 34/34 lbs/2" | | | | |
| Width | | 1550mm/1600mm/1680mm/1850mm | | | | |
| | | 61"/63"/66"/73" | | | | |
| Recommended Pressure | | 10 Psi | 10 Psi | 10 Psi | 8 Psi | 6 Psi |
| Max. Pressure | | 20 Psi | 20 Psi | 20 Psi | 15 Psi | 10 Psi |
| Fire Resistance | | B1, B2, NFPA 701 | | | | |
| Temperature Resistance | | -30°C - 70°C | | | | |
| | | -20°F - 158°F | | | | |

NOTE: All characteristics could be customized upon request, such as fire retardant, higher color fastness etc. All above information shall only be used as a guide; buyers shall independently test and determine the products' suitability. The mentioned data are the average of the test results and should not be used for the purpose of a lawsuit or warranty.