

# Protecting the essential

Superior protective engineered  
performance fabrics for diving



## TECHNICAL TEXTILES FOR DRY SUITS

At Trelleborg, we specialize in producing high-performance engineered materials using advanced coating, laminating, and vulcanizing technologies. Our expertise with a wide range of polymers, including PU, rubber, and silicone, ensures that our products meet the rigorous demands of diving applications.

We offer a comprehensive line-up of 22 products designed specifically for diving dry suits. These products come in a variety of colors and denier options, ensuring that we can meet our customers' specific needs and preferences.



### DENIER 200

6 products

Available colors: Black, Yellow, Fluorescent Orange, Fluorescent Yellow

### DENIER 210

2 products

Available colors: Black, Yellow

### DENIER 400

9 products

Available colors: Black, Red, Yellow, Blue, Fluorescent Yellow, Natural, Orange

### DENIER 500

1 product

Available colors: Red

### DENIER 840

2 products

Available colors: Black

### DENIER 1000

1 product

Available colors: Black

### DENIER 1050

1 product

Available colors: Black

# Protecting the essential

Superior protective engineered  
performance fabrics for diving

## PERFORMANCE RANGE

Test	Test Method	Range
<b>Base Weight Fabric</b>	5041	3.2 oz/yd <sup>2</sup> (108 g/m <sup>2</sup> ) to 12.9 oz/yd <sup>2</sup> (437 g/m <sup>2</sup> )
<b>Total Weight</b>	5041	8.5 oz/yd <sup>2</sup> (288 g/m <sup>2</sup> ) to 14.8 oz/yd <sup>2</sup> (502 g/m <sup>2</sup> )
<b>Tongue Tear</b>	5134	6 warp pounds (27 warp N) to 95 warp pounds (423 warp N)
<b>Breaking Strength</b>	5100	150 warp pounds/in (657 warp N/25 mm) to 640 warp pounds/in (2802 warp N/25 mm)
<b>Elongation at Break</b>	5100	25% warp to 46% weft
<b>Breakaway Adhesion (RF Weld)</b>	MIL-C-83489 4.4.1	64 warp pounds (280 warp N) to 78 warp pounds (341 warp N)
<b>Breakaway Adhesion (RF Weld) Side 2</b>	MIL-C-83489 4.4.1	63 warp pounds (276 warp N) to 78 warp pounds (341 warp N)
<b>Strip Adhesion (Heat Sealed)</b>	5970	15 warp pounds (66 warp N) to 48 warp pounds (210 warp N)
<b>Strip Adhesion (Heat Sealed) Side 2</b>	5970	36 warp pounds (158 warp N) to 45 warp pounds (197 warp N)
<b>Hydrostatic</b>	5512	250 pounds (f) / square inch (1724 kPa) to 580 pounds (f) / square inch (3999 kPa)
<b>Hydrostatic Low Pressure</b>	5514	1.5 PSI (10 kPa) / No Leaks / 5 Minutes (consistent across all materials)
<b>Air Retention (Film Side Only)</b>	MIL-C-83489 4.4.2	Pass (consistent across all materials)
<b>Blocking</b>	5872	#1 Scale Rating (consistent across all materials)