



**WASP**  
Water Ancillary Specialist Products

**SPECIFICATION INFORMATION**  
**FOR**  
**WASP**  
**MEDIUM GAUGE MEMBRANES**

For more information please contact 01254 589987 or email [sales@selenvironmental.com](mailto:sales@selenvironmental.com)

**Disclaimer**

This product specification is neither giving nor implying warranty for the use of this information for design and installation, as these are beyond our control. The data provided is typical and based upon the mean values and we reserve the right to change the specifications without prior notice.



## WASP01602

### Medium Gauge Membrane 2.55m x 100m Roll

#### Description

WASP Medium Gauge membrane is used in accordance with harmonised standards: BS EN 13361: Characteristics required for use in the construction of reservoirs and dams. BS EN 13362: Characteristics required for use in the construction of canals. BS EN 13492: Characteristics required for use in the construction of liquid waste disposal sites, transfer stations, or secondary containment. BS EN 15382: Characteristics required for use in the construction of transportation infrastructure.



#### SPECIFICATION

Thickness (ASTM D 5199) mm	0.75
Width m	2.55
Length m	100
Density (ASTM D 1505) g/cm <sup>3</sup>	0.939
Break Strength (ASTM D 6693 type IV) kN/m	20
Break Elongation (ASTM D 6693 type IV) %	800
Tear Resistance (ASTM D 1004) N	70

Puncture Resistance (ASTM D 4833) N	190
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Carbon Black Content (ASTM D 4218/6370) %	2-3
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#### Oxidative Induction Time (OIT)

Standard OIT (ASTM D 3895) min	100
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High Pressure OIT (ASTM D 5885) min	400
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Oven Aging at 85°C Std OIT (ASTM D 5721) %	35
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UV Resistance HP OIT % Retained after 1600hrs (ASTM D 5885) %	35
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**FULLY WELDABLE**

**IMPERMEABLE BARRIER**

**SUDS MANUAL COMPLIANT**

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## WASP01605

### Medium Gauge Membrane 5.1m x 100m Roll

#### Description

WASP Medium Gauge membrane is used in accordance with harmonised standards: BS EN 13361: Characteristics required for use in the construction of reservoirs and dams. BS EN 13362: Characteristics required for use in the construction of canals. BS EN 13492: Characteristics required for use in the construction of liquid waste disposal sites, transfer stations, or secondary containment. BS EN 15382: Characteristics required for use in the construction of transportation infrastructure.



#### SPECIFICATION

Thickness (ASTM D 5199) mm	0.75
Width m	5.1
Length m	100
Density (ASTM D 1505) g/cm <sup>3</sup>	0.939
Break Strength (ASTM D 6693 type IV) kN/m	20
Break Elongation (ASTM D 6693 type IV) %	800
Tear Resistance (ASTM D 1004) N	70

Puncture Resistance (ASTM D 4833) N	190
Carbon Black Content (ASTM D 4218/6370) %	2-3
<b>Oxidative Induction Time (OIT)</b>	
Standard OIT (ASTM D 3895) min	100
High Pressure OIT (ASTM D 5885) min	400
Oven Aging at 85°C Std OIT (ASTM D 5721) %	35
UV Resistance HP OIT % Retained after 1600hrs (ASTM D 5885) %	35

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## WASP01702

### Medium Gauge Membrane 2.55m Wide Panel

#### Description

WASP Medium Gauge membrane is used in accordance with harmonised standards: BS EN 13361: Characteristics required for use in the construction of reservoirs and dams. BS EN 13362: Characteristics required for use in the construction of canals. BS EN 13492: Characteristics required for use in the construction of liquid waste disposal sites, transfer stations, or secondary containment. BS EN 15382: Characteristics required for use in the construction of transportation infrastructure.



#### SPECIFICATION

Thickness (ASTM D 5199) mm	0.75
Width m	2.55
Length m	ln.m
Density (ASTM D 1505) g/cm <sup>3</sup>	0.939
Break Strength (ASTM D 6693 type IV) kN/m	20
Break Elongation (ASTM D 6693 type IV) %	800
Tear Resistance (ASTM D 1004) N	70

Puncture Resistance (ASTM D 4833) N	190
Carbon Black Content (ASTM D 4218/6370) %	2-3
<b>Oxidative Induction Time (OIT)</b>	
Standard OIT (ASTM D 3895) min	100
High Pressure OIT (ASTM D 5885) min	400
Oven Aging at 85°C Std OIT (ASTM D 5721) %	35
UV Resistance HP OIT % Retained after 1600hrs (ASTM D 5885) %	35

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## WASP01705

### Medium Gauge Membrane 5.1m Wide Panel

#### Description

WASP Medium Gauge membrane is used in accordance with harmonised standards: BS EN 13361: Characteristics required for use in the construction of reservoirs and dams. BS EN 13362: Characteristics required for use in the construction of canals. BS EN 13492: Characteristics required for use in the construction of liquid waste disposal sites, transfer stations, or secondary containment. BS EN 15382: Characteristics required for use in the construction of transportation infrastructure.



#### SPECIFICATION

Thickness (ASTM D 5199) mm	0.75
Width m	5.1
Length m	ln.m
Density (ASTM D 1505) g/cm <sup>3</sup>	0.939
Break Strength (ASTM D 6693 type IV) kN/m	20
Break Elongation (ASTM D 6693 type IV) %	800
Tear Resistance (ASTM D 1004) N	70

Puncture Resistance (ASTM D 4833) N	190
Carbon Black Content (ASTM D 4218/6370) %	2-3
<b>Oxidative Induction Time (OIT)</b>	
Standard OIT (ASTM D 3895) min	100
High Pressure OIT (ASTM D 5885) min	400
Oven Aging at 85°C Std OIT (ASTM D 5721) %	35
UV Resistance HP OIT % Retained after 1600hrs (ASTM D 5885) %	35

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