



SPECIFICATION INFORMATION
FOR
WASP
LIGHT DUTY MEMBRANES

For more information please contact 01254 589987 or email sales@selenvironmental.com

Disclaimer

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WASP01802

Light Duty Membrane 2.55m x 100m Roll

Description

WASP Light Duty membrane is a mono layer HDPE membrane specifically designed and manufactured to perform as a robust waterproofing barrier protection system which is suitable for a variety of applications. This is a fully weldable, category 2 attenuation grade liner fully conformant to C753 and BS7533-13. This membrane will provide resistance to root penetration from invasive species.



SPECIFICATION

Thickness (EN 1849-2) mm	0.6	Resistance to Static Load (EN 12730-B) Kg	>20
Width (EN 1849-2) m	2.55	Tensile Strength MD (EN 12311-2A) N/50mm	500
Length (EN 1849-2) m	100	Tear Strength MD (EN 12310-1) N	450
Density (EN ISO 1183) g/cm ³	0.939	Resistance to Impact (EN 12691A) mm	>2000
Resistance to Roots	Impenetrable	Joint Shear Resistance (welded) (EN 12317-2) N/50mm	400
Perm to Liquids (EN 14150) m ³ /(m ² d)	1.0x10 ⁻⁶	Resistance to Liquid Chemicals (EN 1847)	Conforming
Water Tightness (60 kPa)	Pass		
Core Material	HDPE		

FULLY WELDABLE

CONFORMS TO C753 & BS7533-13

CATEGORY 2 LINER

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WASP01805

Light Duty Membrane 5.1m x 100m Roll

Description

WASP Light Duty membrane is a mono layer HDPE membrane specifically designed and manufactured to perform as a robust waterproofing barrier protection system which is suitable for a variety of applications. This is a fully weldable, category 2 attenuation grade liner fully conformant to C753 and BS7533-13. This membrane will provide resistance to root penetration from invasive species.



SPECIFICATION

Thickness (EN 1849-2) mm	0.6	Resistance to Static Load (EN 12730-B) Kg	>20
Width (EN 1849-2) m	5.1	Tensile Strength MD (EN 12311-2A) N/50mm	500
Length (EN 1849-2) m	100	Tear Strength MD (EN 12310-1) N	450
Density (EN ISO 1183) g/cm ³	0.939	Resistance to Impact (EN 12691A) mm	>2000
Resistance to Roots	Impenetrable	Joint Shear Resistance (welded) (EN 12317-2) N/50mm	400
Perm to Liquids (EN 14150) m ³ /(m ² d)	1.0x10 ⁻⁶	Resistance to Liquid Chemicals (EN 1847)	Conforming
Water Tightness (60 kPa)	Pass		
Core Material	HDPE		

FULLY WELDABLE

CONFORMS TO C753 & BS7533-13

CATEGORY 2 LINER

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WASP01902

Light Duty Membrane 2.55m Wide Panel

Description

WASP Light Duty membrane is a mono layer HDPE membrane specifically designed and manufactured to perform as a robust waterproofing barrier protection system which is suitable for a variety of applications. This is a fully weldable, category 2 attenuation grade liner fully conformant to C753 and BS7533-13. This membrane will provide resistance to root penetration from invasive species.



SPECIFICATION

Thickness (EN 1849-2) mm	0.6	Resistance to Static Load (EN 12730-B) Kg	>20
Width (EN 1849-2) m	2.55	Tensile Strength MD (EN 12311-2A) N/50mm	500
Length (EN 1849-2) m	ln.m	Tear Strength MD (EN 12310-1) N	450
Density (EN ISO 1183) g/cm ³	0.939	Resistance to Impact (EN 12691A) mm	>2000
Resistance to Roots	Impenetrable	Joint Shear Resistance (welded) (EN 12317-2) N/50mm	400
Perm to Liquids (EN 14150) m ³ /(m ² d)	1.0x10 ⁻⁶	Resistance to Liquid Chemicals (EN 1847)	Conforming
Water Tightness (60 kPa)	Pass		
Core Material	HDPE		

FULLY WELDABLE

CONFORMS TO C753 & BS7533-13

CATEGORY 2 LINER

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WASP01905

Light Duty Membrane 5.1m Wide Panel

Description

WASP Light Duty membrane is a mono layer HDPE membrane specifically designed and manufactured to perform as a robust waterproofing barrier protection system which is suitable for a variety of applications. This is a fully weldable, category 2 attenuation grade liner fully conformant to C753 and BS7533-13. This membrane will provide resistance to root penetration from invasive species.



SPECIFICATION

Thickness (EN 1849-2) mm	0.6	Resistance to Static Load (EN 12730-B) Kg	>20
Width (EN 1849-2) m	5.1	Tensile Strength MD (EN 12311-2A) N/50mm	500
Length (EN 1849-2) m	ln.m	Tear Strength MD (EN 12310-1) N	450
Density (EN ISO 1183) g/cm ³	0.939	Resistance to Impact (EN 12691A) mm	>2000
Resistance to Roots	Impenetrable	Joint Shear Resistance (welded) (EN 12317-2) N/50mm	400
Perm to Liquids (EN 14150) m ³ /(m ² d)	1.0x10 ⁻⁶	Resistance to Liquid Chemicals (EN 1847)	Conforming
Water Tightness (60 kPa)	Pass		
Core Material	HDPE		

FULLY WELDABLE

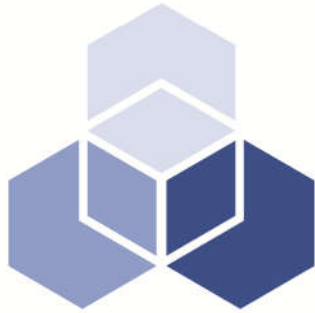
CONFORMS TO C753 & BS7533-13

CATEGORY 2 LINER

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WASP
Water Ancillary Specialist Products

SPECIFICATION INFORMATION
FOR
WASP
MEDIUM DUTY MEMBRANES

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WASP01401

Medium Duty Membrane 1.275m x 100m Roll

Description

WASP Medium Duty membrane is a linear low-density polyethylene membrane, for use 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	1.275
Length m	100
Density (ASTM D 1505) g/cm ³	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
Core Material	LLDPE

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

FULLY WELDABLE

IMPERMEABLE BARRIER

SUDS MANUAL COMPLIANT

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WASP01402

Medium Duty Membrane 2.55m x 100m Roll

Description

WASP Medium Duty membrane is a linear low-density polyethylene membrane, for use 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 ³	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
Core Material	LLDPE

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

FULLY WELDABLE

IMPERMEABLE BARRIER

SUDS MANUAL COMPLIANT

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WASP01405

Medium Duty Membrane 5.1m x 100m Roll

Description

WASP Medium Duty membrane is a linear low-density polyethylene membrane, for use 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 ³	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
Core Material	LLDPE

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

FULLY WELDABLE

IMPERMEABLE BARRIER

SUDS MANUAL COMPLIANT

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WASP01502

Medium Duty Membrane 2.55m Wide Panel

Description

WASP Medium Duty membrane is a linear low-density polyethylene membrane, for use 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 ³	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
Core Material	LLDPE

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

FULLY WELDABLE

IMPERMEABLE BARRIER

SUDS MANUAL COMPLIANT

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WASP01505

Medium Duty Membrane 5.1m Wide Panel

Description

WASP Medium Duty membrane is a linear low-density polyethylene membrane, for use 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 ³	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
Core Material	LLDPE

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

FULLY WELDABLE

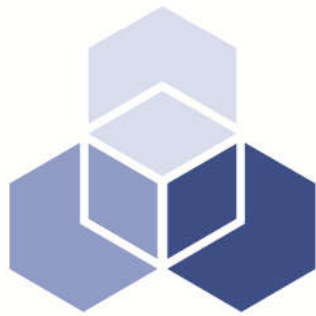
IMPERMEABLE BARRIER

SUDS MANUAL COMPLIANT

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WASP
Water Ancillary Specialist Products

SPECIFICATION INFORMATION
FOR
WASP
HEAVY DUTY MEMBRANES

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WASP01602

Heavy Duty Membrane 2.55m x 100m Roll

Description

WASP Heavy Duty membrane is a high-density polyethylene membrane, for use 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	1.0
Width m	2.55
Length m	100
Density (ASTM D 1505) g/cm ³	0.940
Break Strength (ASTM D 6693 type IV) kN/m	30
Break Elongation (ASTM D 6693 type IV) %	750
Tear Resistance (ASTM D 1004) N	130
Core Material	HDPE

Puncture Resistance (ASTM D 4833) N	350
Carbon Black Content (ASTM D 4218/6370) %	2-3
Oxidative Induction Time (OIT)	
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) %	55
UV Resistance HP OIT % Retained after 1600hrs (ASTM D 5885) %	50

HIGH PUNCTURE RESISTANCE

WELDABLE MEMBRANE

IDEAL FOR CONTAINMENT

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WASP01605

Heavy Duty Membrane 5.1m x 100m Roll

Description

WASP Heavy Duty membrane is a high-density polyethylene membrane, for use 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	1.0
Width m	5.1
Length m	100
Density (ASTM D 1505) g/cm ³	0.940
Break Strength (ASTM D 6693 type IV) kN/m	30
Break Elongation (ASTM D 6693 type IV) %	750
Tear Resistance (ASTM D 1004) N	130
Core Material	HDPE

Puncture Resistance (ASTM D 4833) N	350
Carbon Black Content (ASTM D 4218/6370) %	2-3
Oxidative Induction Time (OIT)	
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) %	55
UV Resistance HP OIT % Retained after 1600hrs (ASTM D 5885) %	50

HIGH PUNCTURE RESISTANCE

WELDABLE MEMBRANE

IDEAL FOR CONTAINMENT

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WASP01702

Heavy Duty Membrane 2.55m Wide Panel

Description

WASP Heavy Duty membrane is a high-density polyethylene membrane, for use 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	1.0	Puncture Resistance (ASTM D 4833) N	350
Width m	2.55	Carbon Black Content (ASTM D 4218/6370) %	2-3
Length m	ln.m	Oxidative Induction Time (OIT)	
Density (ASTM D 1505) g/cm ³	0.940	Standard OIT (ASTM D 3895) min	100
Break Strength (ASTM D 6693 type IV) kN/m	30	High Pressure OIT (ASTM D 5885) min	400
Break Elongation (ASTM D 6693 type IV) %	750	Oven Aging at 85°C Std OIT (ASTM D 5721) %	55
Tear Resistance (ASTM D 1004) N	130	UV Resistance HP OIT % Retained after 1600hrs (ASTM D 5885) %	50
Core Material	HDPE		

HIGH PUNCTURE RESISTANCE

WELDABLE MEMBRANE

IDEAL FOR CONTAINMENT

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WASP01705

Heavy Duty Membrane 5.1m Wide Panel

Description

WASP Heavy Duty membrane is a high-density polyethylene membrane, for use 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	1.0
Width m	5.1
Length m	ln.m
Density (ASTM D 1505) g/cm ³	0.940
Break Strength (ASTM D 6693 type IV) kN/m	30
Break Elongation (ASTM D 6693 type IV) %	750
Tear Resistance (ASTM D 1004) N	130
Core Material	HDPE

Puncture Resistance (ASTM D 4833) N	350
Carbon Black Content (ASTM D 4218/6370) %	2-3
Oxidative Induction Time (OIT)	
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) %	55
UV Resistance HP OIT % Retained after 1600hrs (ASTM D 5885) %	50

HIGH PUNCTURE RESISTANCE

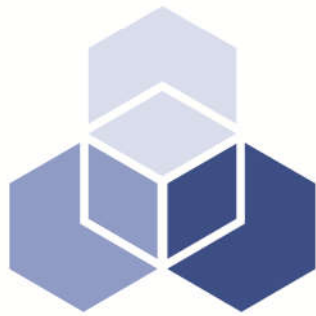
WELDABLE MEMBRANE

IDEAL FOR CONTAINMENT

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WASP
Water Ancillary Specialist Products

SPECIFICATION INFORMATION
FOR
WASP
INFILTRATION GEOTEXTILE

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WASP03101

Infiltration Geotextile 2.25m x 100m Roll

Description

WASP Infiltration Geotextile is a UV stabilised polypropylene continuous filament needle punched nonwoven geotextile. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	0.8	Dynamic Puncture Resistance cone drop Ø hole (EN ISO 13433) mm	26
Width m	2.25	Water Permeability Vertical VI-h50 (EN ISO 11058) l/m ² s	130
Length m	100	Density (EN ISO 9864) g/m ²	105
Tensile Strength MD (EN ISO 10319) kN/m	8	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	90		
Puncture Resistance - CBR (EN ISO 12236) N	1500		

HIGH PERMEABILITY

EXCELLENT FILTER PROPERTIES

STABILISES BASE COURSES

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WASP03102

Infiltration Geotextile 4.5m x 100m Roll

Description

WASP Infiltration Geotextile is a UV stabilised polypropylene continuous filament needle punched nonwoven geotextile. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	0.8	Dynamic Puncture Resistance cone drop \emptyset hole (EN ISO 13433) mm	26
Width m	4.5	Water Permeability Vertical VI-h50 (EN ISO 11058) l/m ² s	130
Length m	100	Density (EN ISO 9864) g/m ²	105
Tensile Strength MD (EN ISO 10319) kN/m	8	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	90		
Puncture Resistance - CBR (EN ISO 12236) N	1500		

HIGH PERMEABILITY

EXCELLENT FILTER PROPERTIES

STABILISES BASE COURSES

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WASP03201

Infiltration Geotextile 2.25m Wide Panel

Description

WASP Infiltration Geotextile is a UV stabilised polypropylene continuous filament needle punched nonwoven geotextile. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	0.8	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	26
Width m	2.25	Water Permeability Vertical VI-h50 (EN ISO 11058) l/m ² s	130
Length m	ln.m	Density (EN ISO 9864) g/m ²	105
Tensile Strength MD (EN ISO 10319) kN/m	8	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	90		
Puncture Resistance - CBR (EN ISO 12236) N	1500		

HIGH PERMEABILITY

EXCELLENT FILTER PROPERTIES

STABILISES BASE COURSES

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WASP03202

Infiltration Geotextile 4.5m Wide Panel

Description

WASP Infiltration Geotextile is a UV stabilised polypropylene continuous filament needle punched nonwoven geotextile. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	0.8	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	26
Width m	4.5	Water Permeability Vertical VI-h50 (EN ISO 11058) l/m ² s	130
Length m	ln.m	Density (EN ISO 9864) g/m ²	105
Tensile Strength MD (EN ISO 10319) kN/m	8	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	90		
Puncture Resistance - CBR (EN ISO 12236) N	1500		

HIGH PERMEABILITY

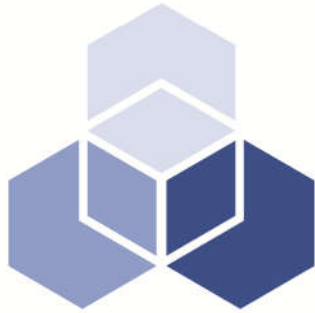
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Water Ancillary Specialist Products

SPECIFICATION INFORMATION
FOR
WASP
HEAVY DUTY GEOTEXTILE

For more information please contact 01254 589987 or email sales@selenvironmental.com

Disclaimer

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WASP02101

Heavy Duty Geotextile 1m x 100m Roll

Description

WASP Heavy Duty Geotextile is a non-woven thermally bonded double sided geotextile, manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa
(EN ISO 9863-1) mm

1.25

Width m

1.0

Length m

100

Tensile Strength MD
(EN ISO 10319) kN/m

24

Elongation at max load MD
(EN ISO 10319) %

65

Puncture Resistance - CBR
(EN ISO 12236) kN

3-7

Dynamic Puncture Resistance
cone drop Ø hole
(EN ISO 13433) mm

15

Water Flow (EN ISO 11058)
l/m²/s

60

Density (EN ISO 9864) g/m²

300

Core Material

PP

HIGH TENACITY

SUPERB PROTECTION

HIGH PERMEABILITY

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WASP02102

Heavy Duty Geotextile 2m x 100m Roll

Description

WASP Heavy Duty Geotextile is a non-woven thermally bonded double sided geotextile, manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	1.25	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	15
Width m	2.0	Water Flow (EN ISO 11058) l/m ² /s	60
Length m	100	Density (EN ISO 9864) g/m ²	300
Tensile Strength MD (EN ISO 10319) kN/m	24	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	65		
Puncture Resistance - CBR (EN ISO 12236) kN	3-7		

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WASP02103

Heavy Duty Geotextile 3m x 100m Roll

Description

WASP Heavy Duty Geotextile is a non-woven thermally bonded double sided geotextile, manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	1.25	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	15
Width m	3.0	Water Flow (EN ISO 11058) l/m ² /s	60
Length m	100	Density (EN ISO 9864) g/m ²	300
Tensile Strength MD (EN ISO 10319) kN/m	24	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	65		
Puncture Resistance - CBR (EN ISO 12236) kN	3-7		

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WASP02104

Heavy Duty Geotextile 4m x 100m Roll

Description

WASP Heavy Duty Geotextile is a non-woven thermally bonded double sided geotextile, manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	1.25	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	15
Width m	4.0	Water Flow (EN ISO 11058) l/m ² /s	60
Length m	100	Density (EN ISO 9864) g/m ²	300
Tensile Strength MD (EN ISO 10319) kN/m	24	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	65		
Puncture Resistance - CBR (EN ISO 12236) kN	3-7		

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WASP02105

Heavy Duty Geotextile 5m x 100m Roll

Description

WASP Heavy Duty Geotextile is a non-woven thermally bonded double sided geotextile, manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	1.25	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	15
Width m	5.0	Water Flow (EN ISO 11058) l/m ² /s	60
Length m	100	Density (EN ISO 9864) g/m ²	300
Tensile Strength MD (EN ISO 10319) kN/m	24	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	65		
Puncture Resistance - CBR (EN ISO 12236) kN	3-7		

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WASP02106

Heavy Duty Geotextile 6m x 100m Roll

Description

WASP Heavy Duty Geotextile is a non-woven thermally bonded double sided geotextile, manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	1.25	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	15
Width m	6.0	Water Flow (EN ISO 11058) l/m ² /s	60
Length m	100	Density (EN ISO 9864) g/m ²	300
Tensile Strength MD (EN ISO 10319) kN/m	24	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	65		
Puncture Resistance - CBR (EN ISO 12236) kN	3-7		

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WASP02201

Heavy Duty Geotextile 1m Wide Panel

Description

WASP Heavy Duty Geotextile is a non-woven thermally bonded double sided geotextile, manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	1.25	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	15
Width m	1.0	Water Flow (EN ISO 11058) l/m ² /s	60
Length m	ln.m	Density (EN ISO 9864) g/m ²	300
Tensile Strength MD (EN ISO 10319) kN/m	24	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	65		
Puncture Resistance - CBR (EN ISO 12236) kN	3-7		

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WASP02202

Heavy Duty Geotextile 2m Wide Panel

Description

WASP Heavy Duty Geotextile is a non-woven thermally bonded double sided geotextile, manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	1.25	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	15
Width m	2.0	Water Flow (EN ISO 11058) l/m ² /s	60
Length m	ln.m	Density (EN ISO 9864) g/m ²	300
Tensile Strength MD (EN ISO 10319) kN/m	24	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	65		
Puncture Resistance - CBR (EN ISO 12236) kN	3-7		

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WASP02203

Heavy Duty Geotextile 3m Wide Panel

Description

WASP Heavy Duty Geotextile is a non-woven thermally bonded double sided geotextile, manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	1.25	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	15
Width m	3.0	Water Flow (EN ISO 11058) l/m ² /s	60
Length m	ln.m	Density (EN ISO 9864) g/m ²	300
Tensile Strength MD (EN ISO 10319) kN/m	24	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	65		
Puncture Resistance - CBR (EN ISO 12236) kN	3-7		

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WASP02204

Heavy Duty Geotextile 4m Wide Panel

Description

WASP Heavy Duty Geotextile is a non-woven thermally bonded double sided geotextile, manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	1.25	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	15
Width m	4.0	Water Flow (EN ISO 11058) l/m ² /s	60
Length m	ln.m	Density (EN ISO 9864) g/m ²	300
Tensile Strength MD (EN ISO 10319) kN/m	24	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	65		
Puncture Resistance - CBR (EN ISO 12236) kN	3-7		

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WASP02205

Heavy Duty Geotextile 5m Wide Panel

Description

WASP Heavy Duty Geotextile is a non-woven thermally bonded double sided geotextile, manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	1.25	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	15
Width m	5.0	Water Flow (EN ISO 11058) l/m ² /s	60
Length m	ln.m	Density (EN ISO 9864) g/m ²	300
Tensile Strength MD (EN ISO 10319) kN/m	24	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	65		
Puncture Resistance - CBR (EN ISO 12236) kN	3-7		

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WASP02206

Heavy Duty Geotextile 6m Wide Panel

Description

WASP Heavy Duty Geotextile is a non-woven thermally bonded double sided geotextile, manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. The mechanical properties guarantee excellent resistance to installation damage, excellent hydraulic properties and outstanding long term performance.



SPECIFICATION

Thickness at 2kPa (EN ISO 9863-1) mm	1.25	Dynamic Puncture Resistance cone drop \varnothing hole (EN ISO 13433) mm	15
Width m	6.0	Water Flow (EN ISO 11058) l/m ² /s	60
Length m	ln.m	Density (EN ISO 9864) g/m ²	300
Tensile Strength MD (EN ISO 10319) kN/m	24	Core Material	PP
Elongation at max load MD (EN ISO 10319) %	65		
Puncture Resistance - CBR (EN ISO 12236) kN	3-7		

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