

# DATA SHEET

## **Black Natural Rubber 40°sh to BS1154-Z40**



**Unit 21 Priory Industrial Park  
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### Description

**DRN14 Black BS 1154-Z40 specification high-quality Natural 40° shore A material, suitable for a wide range of applications with excellent resilience, tear & abrasion resistance & high tensile strength. Resistant to water, mild chemicals, etc. High electrical resistance.**

**Thickness: 1.5mm to 6mm (other thickness on request)**

- Sheet size: 1.4m wide x 10m rolls**
- Finish: Plate Finish**
- Cutting: Standard Press- Tools**

### Technical Information

Material:	NR Natural rubber to BS Specification Grade
Application:	General Purpose, Water Resistant, mechanical.
Thickness:	1.5, 2, 3, 5, 6mm
Colour:	Black
Cloth/Plate Finish:	Plate
Density [specific gravity]:	1.05 g/cm <sup>3</sup>
Hardness [Degrees Shore A]:	40° ± 5°
Tensile Strength [Mpa]:	19.0 min
Elongation at break :	700 %
Minimum Temperature :	-20°C
Maximum temperature:	+70°C
Compression Set :	30%
Abrasion resistance (mm <sup>3</sup> ):	110

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Certificate No: GB08/75575

This product is REACH, RoHS, PAH & CE Compliant.

Directors: Martin Bailey, Jonathan Fisher

Registered in England No: 6033135

VAT No: GB 899 1951 52

# DATA SHEET

## **Black Natural Rubber 50°sh to BS1154-Z50**



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### Description

**DRN15 Black BS 1154-Z50 specification high-quality Natural 50° shore A material, suitable for a wide range of applications with excellent resilience, tear & abrasion resistance & high tensile strength. Resistant to water, mild chemicals, etc. High electrical resistance.**

**Thickness: 1.5mm to 6mm (other thickness on request)**

- Sheet size: 1.4m wide x 10m rolls**
- Finish: Plate Finish**
- Cutting: Standard Press- Tools**

### Technical Information

Material:	NR Natural rubber to BS Specification Grade
Application:	General Purpose, Water Resistant, mechanical.
Thickness:	1.5, 2, 3, 5, 6mm
Colour:	Black
Cloth/Plate Finish:	Plate
Density [specific gravity]:	1.15 g/cm <sup>3</sup>
Hardness [Degrees Shore A]:	50° ± 5°
Tensile Strength [Mpa]:	17.0 min
Elongation at break :	500 %
Minimum Temperature :	-20°C
Maximum temperature:	+70°C
Compression Set :	30%
Abrasion resistance (mm <sup>3</sup> ):	115

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# DATA SHEET

## **Black Natural Rubber 60°sh to BS1154-Z60**



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### Description

**DRN16 Black BS 1154-Z60 specification high-quality Natural 60° shore A material, suitable for a wide range of applications with excellent resilience, tear & abrasion resistance & high tensile strength. Also available as Bridge Bearing rubber to BS5400 Pt 9.**

**Thickness: 1.5mm to 6mm (other thickness on request)**

- Sheet size: 1.4m wide x 10m rolls**
- Finish: Plate Finish**
- Cutting: Standard Press- Tools**

### Technical Information

Material:	NR Natural rubber to BS Specification Grade
Application:	General Purpose, Water Resistant, mechanical.
Thickness:	1.5, 2, 3, 5, 6mm
Colour:	Black
Cloth/Plate Finish:	Plate
Density [specific gravity]:	1.2 g/cm <sup>3</sup>
Hardness [Degrees Shore A]:	60° ± 5°
Tensile Strength [Mpa]:	17.0 min
Elongation at break :	500 %
Minimum Temperature :	-20°C
Maximum temperature:	+70°C
Compression Set :	30%
Abrasion resistance (mm <sup>3</sup> ):	120

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## DATA SHEET

### **White Natural Rubber 40°sh to BS1154-Y40**



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#### Description

**DRN51 White BS 1154-Y40 specification high-quality Natural 40° shore A material, suitable for a wide range of applications with excellent resilience, tear & abrasion resistance & high tensile strength. Resistant to water, mild chemicals, etc. High electrical resistance.**

**Thickness: 1.5mm to 6mm (other thickness on request)**

- Sheet size: 1.4m wide x 10m rolls**
- Finish: Plate Finish**
- Cutting: Standard Press- Tools**

#### Technical Information

Material:	NR White Natural rubber to BS Specification Grade
Application:	General Purpose, Water Resistant, mechanical.
Thickness:	1.5, 2, 3, 5, 6mm
Colour:	White
Cloth/Plate Finish:	Plate
Density [specific gravity]:	1.05 g/cm <sup>3</sup>
Hardness [Degrees Shore A]:	40° ± 5°
Tensile Strength [Mpa]:	18.0 min
Elongation at break :	600 %
Minimum Temperature :	-20°C
Maximum temperature:	+70°C
Compression Set :	30%
Abrasion resistance (mm <sup>3</sup> ):	120

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# DATA SHEET

## White Natural Rubber 50°sh to BS1154-Y50



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### Description

DRN52 White BS 1154-Y50 specification high-quality Natural 50° shore A material, suitable for a wide range of applications with excellent resilience, tear & abrasion resistance & high tensile strength. Resistant to water, mild chemicals, etc. High electrical resistance.

Thickness: 1.5mm to 6mm (other thickness on request)

- Sheet size: 1.4m wide x 10m rolls
- Finish: Plate Finish
- Cutting: Standard Press- Tools

### Technical Information

Material:	NR White Natural rubber to BS Specification Grade
Application:	General Purpose, Water Resistant, mechanical.
Thickness:	1.5, 2, 3, 5, 6mm
Colour:	White
Cloth/Plate Finish:	Plate
Density [specific gravity]:	1.10 g/cm <sup>3</sup>
Hardness [Degrees Shore A]:	50° ± 5°
Tensile Strength [Mpa]:	18.0 min
Elongation at break :	500 %
Minimum Temperature :	-20°C
Maximum temperature:	+70°C
Compression Set :	30%
Abrasion resistance (mm <sup>3</sup> ):	125

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## DATA SHEET

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#### Description

**DRN53 White BS 1154-Y60 specification high-quality Natural 60° shore A material, suitable for a wide range of applications with excellent resilience, tear & abrasion resistance & high tensile strength. Resistant to water, mild chemicals, etc. High electrical resistance.**

**Thickness: 1.5mm to 6mm (other thickness on request)**

- Sheet size: 1.4m wide x 10m rolls**
- Finish: Plate Finish**
- Cutting: Standard Press- Tools**

#### Technical Information

Material:	NR White Natural rubber to BS Specification Grade
Application:	General Purpose, Water Resistant, mechanical.
Thickness:	1.5, 2, 3, 5, 6mm
Colour:	White
Cloth/Plate Finish:	Plate
Density [specific gravity]:	1.20 g/cm <sup>3</sup>
Hardness [Degrees Shore A]:	60° ± 5°
Tensile Strength [Mpa]:	18.0 min
Elongation at break :	400 %
Minimum Temperature :	-20°C
Maximum temperature:	+70°C
Compression Set :	30%
Abrasion resistance (mm <sup>3</sup> ):	130

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