

## Material ref AR420

### Black Commercial (Economy) Rubber

Is a medium/hard solid flexible rubber, very economically priced with poor resistance to weathering & oils for low applications.

Can be used in a range of applications including gasketing & sealing.

#### Thickness range & strip coil lengths

(not all thicknesses available in all products)

1mm, 1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm thick - supplied in strip form 10mtrs long (10mtr packs – 1 coil x 10mtrs, 50mtr packs – 5 coils x 10mtrs each).

8mm, 10mm, 12mm, 15mm, 20mm, 25mm thick - supplied in strip form 5mtrs long (10mtr packs – 2 coils x 5mtr each & 50mtr packs – 10 coils x 5mtrs each).

Available in sheet, strip & washers etc.

See test data sheet for further specification.

#### Comparison Guide: Black Solid Rubber

*Materials are listed below most economical (to the left) to most expensive (to the right)*

Materials	Economy Commercial Rubber	Commercial Rubber Insertion	Neoprene Medium Hardness	Neoprene Soft	E.P.D.M	Nitrile	Viton
Material Ref	420	440	428	429	423	424	800
Hardness. Shore 'A'	65° +/-5 Medium/Hard	65° +/-5 Medium/Hard	60° +/-5 Medium	40° +/-5 Soft	65° +/-5 Medium/Hard	70° +/-5 Hard	72° +/-5 Hard
Temperature Max	70°C	70°C	70°C	90°C	110°C	80°C	250°C
Temperature Min	-30°C	-30°C	-20°C	-25°C	-30°C	-20°C	-10°C
Flame Retardency	Poor	Poor	Poor	Poor	Poor	No Data	Poor
Weathering & Ozone	Poor	Poor	Fair	Fair	Very Good	Poor	Excellent
Oil	Poor	Poor	Poor /Fair	Poor /Fair	No Data	Good	No Data
Elongation @ Break	250% min	250% min	250% min	300% min	300% min	330% min	165%
Tensile Strength	3.0 Mpa	3.0 Mpa	3.0 Mpa	3.5 Mpa	5.0 Mpa	10 N/mm <sup>2</sup>	4.0 Mpa

#### Delivery

95% of products are despatched within 24hours of receiving order (exception: self adhesive solid neoprene strip, 3 to 5 working days). If orders are required by a specific deadline please email or phone prior placing your order for definite delivery date.

Material samples are available by request and specific questions can be asked via email:

[sales@rubberonlinelimited.co.uk](mailto:sales@rubberonlinelimited.co.uk)

The above is a rough guide and is subject to change without notice.

This information is designed to guide you, the customer, to the most suitable product for your intended application.

The assessment of use is the responsibility of the customer and any liability will remain with the customer.

Terms and conditions apply.

We are committed to customer satisfaction, if you have any concerns about our products or service please contact on us 01268 732185 and ask for customer services.