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Black Nitrile BS EN 681 and BS EN 682 type WC (Formerly BS2494 D)

Black Nitrile 50 WJ2494D681

This Nitrile based rubber is specially designed for seals used in pipes joints and fittings in drainage applications and meets the European Standard EN681 as below.

| Property | Standard | Unit | Typical Figure |
|---------------------------------|----------|------------------------------------|--------------------------|
| Nomenclature | ISO 1629 | NBR | Nitrile Butadiene Rubber |
| Density | ISO 2781 | gms/cm ³ | 1.08 |
| Hardness | ISO 48 | IRHD | 45-55 |
| Tensile Strength – min | ISO 37 | Mpa | 10 |
| Elongation @ Break – min | ISO 37 | % | 10 |
| Ageing 168 hrs @ 70°C | ISO 188 | Hardness | ±5 |
| | | Tensile | ±15 |
| | | Elongation @ break | +10/-25 |
| Compression Set - Max | ISO 815 | 24hrs @ 70°C | 18% |
| | | 72hrs @ 23°C | 10% |
| | | 72HRS@-25°C | 25% |
| Liquid Swell | ISO 1817 | | |
| Fuel B | | 168hrs @ 23°C & then 96hrs@70°C | -15% |
| IRM 903 | | 168hrs @ 70°C | +10%/-1% |
| Water | | 168hrs @ 70°C | -8%/-1% |
| IRM901 | | 72hrs @ 70°C | -10% |
| Colour - Black | | | |
| Polymer Type - NBR | | | |
| | | | |
| | | | |

This product is offered in Roll, sheet, strip and die formed shapes.

Most commonly we supply cut gaskets that are dimensionally compatible with BS EN 1092-1, specifically BS EN 1514-1:1997.

Customer specific dimensions can be supplied by agreement.

Correct installation is paramount to the success of any gasket. Please consult with our Technical Department for any advice on material selection and installation methodology.

Disclaimer

Please note, failure to select the correct materials or products we supply ("the Products") may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.