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beldam lasoid black jointing

beldam lasoid black jointing is a good quality compressed fibre jointing to BS 7531 Grade X manufactured from carbon fibres with a high quality nitrile rubber binder and a quick release agent.

beldam lasoid black jointing shows excellent tensile strength and has high resistance to creep and very low gas permeability. It is suitable for use with oils, fuels, gases, hydrocarbons and refrigerants.

The operating temperature for asbestos free jointing is related to the thickness selected. The thinner the thickness, the higher the temperature and pressure it will stand.

| Typical Test Results | | |
|--------------------------------|------------------------------------|-------|
| Max. Temp. Short Term Service | °C | 450 |
| Max. Temp. Continuous Service | °C | 250 |
| Max. Temp. Operating for Steam | °C | 250 |
| Compression | ASTM F36 % | 11 |
| Recovery | ASTM F36 % | 62 |
| Density | g/cm ³ | 1.57 |
| Tensile Strength | ASTM F152 MPa | 13 |
| Residual Stress | BS 7531 Mpa | 32 |
| | DIN 52913 Mpa | 32 |
| Fluid Immersion Testing | | |
| | ASTM Oil No.1 thickness increase % | 1.0 |
| | ASTM Oil No.3 thickness increase % | 2.5 |
| | ASTM Fuel B thickness increase % | 2.5 |
| Gas Leakage | | |
| | BS 7531 cm ³ /min. | <0.04 |

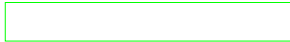
The above is intended as a guide to assist the selection of the correct grade of jointing for a particular service. The many variations in working conditions make an absolute guarantee impossible, therefore, if in doubt our technical staff will always be pleased to make a recommendation.

| Supplied | Sheet Size | Thicknesses | |
|----------|---------------|-------------|--------|
| | | | |
| | 1.5 m x 1.5 m | 0.4 mm | 2.0 mm |
| | 2.0 m x 1.5 m | 0.5 mm | 2.5 mm |
| | 2.0 m x 2.0 m | 0.75 mm | 3.0 mm |
| | 2.0 m x 6.0 m | 1.0 mm | 4.5 mm |
| | | 1.5 mm | 6.0 mm |

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KEY.

1 Good resistance



2. Medium resistance



3. Not resistant



| | |
|----------------------|---|
| Acetaldehyde | 2 |
| Acetic acid 10% | 1 |
| Acetic acid 100% | 1 |
| Acetone | 2 |
| Acetylene | 1 |
| Air | 1 |
| Alum | 1 |
| Aluminium chloride | 1 |
| Ammonia | 1 |
| Amyl acetate | 2 |
| Aniline | 3 |
| Arcton 12 | 1 |
| Arcton 22 | 2 |
| Asphalt | 1 |
| Aviation fuel | 1 |
| Benzene | 1 |
| Benzoyl chloride | 1 |
| Benzoic acid | 1 |
| Borax | 1 |
| Boric acid | 1 |
| Butane | 1 |
| Butatone | 2 |
| Butyl acetate | 2 |
| Butyl alcohol | 1 |
| Calcium hydroxide | 1 |
| Calcium hypochlorite | 1 |
| Calcium sulphate | 1 |
| Carbolic acid | 3 |
| Carbon dioxide | 1 |
| Carbon disulphide | 2 |
| Carbon tetrachloride | 2 |
| Chlorine (dry) | 1 |
| Chlorine (wet) | 2 |
| Chloromethane | 2 |
| Chromic acid | 3 |
| Citric acid | 1 |
| Creosote | 2 |
| Cresol | 2 |
| Cyclohexanol | 1 |
| Cyclo hexanone | 3 |
| Decalin | 1 |
| Di-benzyl ether | 3 |
| Diesel oil | 1 |
| Dimethyl formamide | 3 |
| Diphyl (Dowtherm A) | 1 |
| Ethane | 1 |

| | |
|-----------------------|---|
| Ethyl acetate | 1 |
| Ethyl alcohol | 1 |
| Ethyl chloride | 2 |
| Ethylene chloride | 3 |
| Ethylene glycol | 1 |
| Ethyl ether | 1 |
| Formaldehyde | 1 |
| Formamide | 2 |
| Formic acid 10% | 1 |
| Formic acid 85% | 2 |
| Freon 12 | 1 |
| Freon 22 | 2 |
| Fuel oil | 1 |
| Glycerine | 1 |
| Heating oil | 1 |
| Heptane | 1 |
| Hydraulic oil | 1 |
| Hydrochloric acid 20% | 2 |
| Hydrochloric acid 37% | 3 |
| Hydrofluoric acid | 3 |
| Hydrogen | 1 |
| Hydrogen peroxide 6% | 1 |
| Iso-octane | 1 |
| Isopropyl alcohol | 1 |
| Kerosene | 1 |
| Lactic acid | 1 |
| Linseed oil | 1 |
| L.P.G. | 1 |
| Lubricating oil | 1 |
| Malic acid | 1 |
| Methane | 1 |
| Methyl alcohol | 1 |
| Methylated spirits | 1 |
| Methyl chloride | 2 |
| Methylene chloride | 3 |
| Methyl ethyl ketone | 2 |
| M.T.B.E. | 1 |
| Motor oil | 1 |
| Naptha | 1 |
| Natural gas | 1 |
| Nitric acid | 3 |
| Nitro benzene | 3 |
| Nitrogen | 1 |
| Octane | 1 |
| Oleum | 3 |
| Oxalic acid | 2 |

| | |
|------------------------|---|
| Oxygen | 1 |
| Palmitic acid | 1 |
| Paraffin | 1 |
| Pentane | 1 |
| Perchloro ethylene | 2 |
| Petrol | 1 |
| Petroleum ether | 1 |
| Phenol | 3 |
| Phosphoric acid | 2 |
| Phthalic acid | 1 |
| Potassium carbonate | 1 |
| Potassium chlorate | 1 |
| Potassium dichromate | 1 |
| Potassium hydroxide | 2 |
| Potassium hypochlorite | 1 |
| Potassium nitrate | 1 |
| Potassium permanganate | 1 |
| Producer gas | 1 |
| Propane | 1 |
| Pyridine | 3 |
| Santotherm 66 | 1 |
| Sea water | 1 |
| Silicone oil | 1 |
| Skydrol 500 | 1 |
| Sodium carbonate | 1 |
| Sodium chloride | 1 |
| Sodium hydroxide | 2 |
| Sodium sulphate | 1 |
| Steam low pressure | 1 |
| Steam high pressure | 2 |
| Sulphuric acid 30% | 3 |
| Sulphuric acid 50% | 3 |
| Sulphuric acid 96% | 3 |
| Sulphurous acid | 2 |
| Tannic acid | 1 |
| Tar | 1 |
| Tartaric acid | 1 |
| Tetra chlorethane | 2 |
| Toluene | 1 |
| Trichlorethylene | 2 |
| Turpentine | 1 |
| Water | 1 |
| White spirit | 1 |
| Xylene | 1 |