

# **beldam lascar seals limited**

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## **beldam lasoid white jointing**

**beldam lasoid white jointing** is a good quality compressed fibre jointing to BS 7531 Grade X manufactured from heat resistant synthetic fibres with a high quality nitrile rubber binder and a quick release agent on both sides.

**beldam lasoid white jointing** shows excellent tensile strength and has high resistance to creep under elevated temperature and pressure. It is suitable for use with steam, oils, gases, solvents and most dilute acids and alkalis.

Also available with a fine mild steel wire reinforcement.

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 %	12
Recovery	ASTM F36 %	55
Density	g/cm <sup>3</sup>	1.65
Tensile Strength	ASTM F152 MPa	15
Residual Stress	BS 7531 Mpa	26
	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 %	3.0

### **Gas Leakage**

BS 7531 cm <sup>3</sup> /min.	<0.1
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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.

<b>Supplied</b>	<b>Sheet Size</b>	<b>Thicknesses</b>	
	1.5 m x 1.5 m	0.4 mm	1.5 mm
	2.0 m x 1.5 m	0.5 mm	2.0 mm
	2.0 m x 2.0 m	0.75 mm	2.5 mm
	2.0 m x 6.0 m	1.0 mm	3.0 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	3
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