

beldam lascar seals limited

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beldam lascargraf X6 packing

beldam lascargraf X6 packing is manufactured from 98% pure expanded graphite with inconel wire reinforcement in the core. The external jacket is manufactured from expanded graphite with a cotton yarn reinforcement and corrosion inhibitors. This construction avoids contact between the reinforced inner core and the valve stem.

beldam lascargraf X6 packing is ideal for use in reciprocating and rotary pumps and valves. May be used with a wide range of media without added lubricants (see reverse for compatibility chart).

The following data are average values.

Temperature	°C	-240	in Cryogenics
	°C	650	in Steam
	°C	850	in Oxidising atmosphere
	°C	3300	in Non-Oxidising atmosphere
Maximum Pressure	bar	450	
pH Range		0 - 14	Except in fuming nitric and oleum
Maximum Shaft Speed	m/s	20	

Total PPM Typical Analysis

Leachable Chloride < 50	S <810	Ag < 10	Hg < 0.5
Cl < 55	Pb < 10	As < 50	Bi < 10
F < 11	Zn < 50	Cd < 50	
In < 10	Sn < 10	Sb < 50	

cross sections in 6 metre boxes

3 mm	11 mm	19 mm
4.5 mm	12.5 mm	22 mm
6 mm	14 mm	25 mm
8 mm	16 mm	
10 mm	18 mm	

cross sections in 18 m coils

30 mm
32 mm
33 mm
35 mm
37 mm

This chart is intended as a guide to assist the selection of the correct grade of packing 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.

Chemical reagent	Concentration %	Temperature °C upto	Chemical reagent	Concentration %	Temperature °C upto
ACIDS			Benzene	100	all
Acetic acid	all	all	Benzene hexachloride	100	all
Acetic anhydride	100	all	Butyl alcohol	100	all
Arsenic acid	all	all	Carbon tetrachloride	100	all
Benzyl sulphonic acid	60	all	Chloral hydrate	-	all
Boric acid	all	all	Chlorethylbenzene	100	all
Carbonic acid	all	all	Chloroform	100	all
Chromium trioxyde (aq. sol.)	0-10	93	Diethanolamine	all	all
Citric acid	all	all	Dioxane	0-100	all
Dichloropropionic acid	90-100	170	Ethyl alcohol	0-100	all
Fatty acids	all	all	Ethyl chloride	all	all
Folic acid	all	all	Ethylene chlorohydrin	0-8	all
Formic acid	all	all	Ethylene dibromide	100	all
Hydrochloric acid	all	all	Ethylene dichloride	100	all
Hydrofluoric acid	all	all	Ethyl mercaptan-water	saturated	all
Hydrogen chloride	all	all	Refrigerants 11 & 12	100	all
Hydrogen sulphide-water	all	all	Gasoline	100	all
Lactic acid	all	all	Glycerine	0-100	all
Monochlotacetic acid	100	all	Isopropyl acetate	100	all
Nitric acid	0-10	85	Isopropyl alcohol	0-100	all
	10-20	60	Isopropyl ether	100	all
	over 20	38	Kerosene	100	all
Oxalic acid	all	all	Mannitol	all	all
Phosphoric acid	0-85	all	Methyl alcohol	0-100	all
Stearic acid	100	all	Methyl isobutyl ketone	100	all
Sulphur dioxide	all	all	Monochlorbenzene	100	all
Sulphuric acid	0-70	all	Monovinyl acetate	all	all
	70-85	170	Octyl alcohol	100	all
	85-90	149	Paradichlorbenzene	100	all
	90-95	71	Paraldehyde	100	all
	over 95	not rec.	Tetrachlorothane (synth.)	100	all
Tartaric acid	all	all	Trichlorethylene	100	all
			Xylene	all	all
ALKALIS	all	all	SALT SOLUTIONS		
HALOGENS, AIR, WATER			Alum	all	all
Air	-	460	Aluminium chloride	all	all
Bromine	100	amb.	Ammonium bifluoride	all	all
Chlorine dry	100	all	Ammonium sulphate	all	all
Chlorine dioxide	-	70	Ammonium thiocyanate	0-63	all
Chloric water	all	amb.	Arsenic trichloride	100	all
Fluorine	100	149	Calcium chlorate	0-10	60
Iodine	100	amb.	Calcium hypochlorite	all	all
Steam	all commercial		Copper sulphate	all	all
Water (deareted or boronated)	-	all	Ferric chloride	all	all
			Ferrous chloride	all	all
			Ferrous sulphate	all	all
HEAT TRANSFER FLUIDS			Manganous sulphate	all	all
Dowtherm (all types)	100	all	Nickel chloride	all	all
Petroleum (oil based)	100	all	Nickel sulphate	all	all
Therminol (all types)	100	all	Phosphorous trichloride	100	all
Uoon (all types)	100	all	Sodium chloride	all	all
			Sodium chlorite	0-4	amb.
			Sodium hypochlorite	0-25	amb.
ORGANIC COMPOUNDS			Stannic chloride	all	all
Acetone	0-100	all	Sulphur monochloride	100	all
Amyl alcohol	100	all	Zinc ammonium chloride	all	all
Aniline	100	all	Zinc chloride	all	all
Aniline hydrochloride	0-60	all	Zinc sulphate	all	all
			amb.= room temp. not rec.= not recommended		