

## BRONZ-GLOW: RESISTANCE LIST



### BRONZ-GLOW® HUSKY RESISTANCE LIST

The resistance of Bronz-Glow® Husky to various agents and particles has been tested in lab conditions.

The issue of a warranty to a condenser by the Bronz-Glow® corrosion protection system will be subject to the exposure conditions simulated in this test. Values are based on average concentrations; if there is any doubt, consult the Bronz-Glow® R&D department.

telephone: 01253 890666 fax: 01253 890222

#### **IMPORTANT!!**

Resistance is expressed in terms of vapours, not fluids.  
Concerning exposure to fluids, cleaning agents, chemicals, process fluids or others, Bronz-Glow® should be consulted.

xx = resistant to concentrated vapours, no limitations to exposure

10-100ppm = resistant until 10-100 ppm

5-10ppm = resistant between 5-10 ppm

-5ppm = resistant until 5 ppm

Temperature 20° C (68° F)

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## Inorganic acids

• Arsenious acid solution	XX	• Hydrogen sulphide	XX
• Arsenic acid solution	XX	• Hydrogen sulphide solution	XX
• Boric acid	XX	• Nitric acid concentrated	5-10ppm
• Boric acid solution	XX	• Nitric acid solution	XX
• Hydrogen carbonate	XX	• Nitrous acid	XX
• Chromic acid	XX	• Nitrous vapours	5-10ppm
• Bromic acid	5-10ppm	• Sulphuric acid vapours	5-10ppm
• Bromic acid solution	XX	• Sulphuric acid	XX
• Hydrochloric acid	5-10ppm	• Phosphoric acid	XX
• Hydrochloric acid solution	XX	• Perchloric acid concentrated	5-10ppm
• Hydrogen fluoride	XX	• Perchloric acid solution	XX
• Hydrogen fluoride solution	XX	• Selenic acid	XX
• Sulphurous acid	XX	• Selenous acid solution	XX

## Organic acids

• Acetic acid	XX	• Oleic acid	XX
• Acetic acid glacial	5-10ppm	• Oxalic acid	XX
• Benzoic acid	XX	• Sulphamic acid	XX
• Lactic acid	XX	• Wine stone acid	XX
• Phenols	XX	• Barn stone acid	XX
• Citric acid	XX	• Palmitic acid	XX
• Fatty acids	XX	• Tannin	XX
• Formic acid concentrated	5-10ppm	• Phthalic acid	XX
• Formic acid solution	XX	• Propionic acid concentrated	5-10ppm
• Hydrocyanic acid	XX	• Propionic acid solution	XX
• Malic acid	XX	• Salicylic acid	XX
• Margaric acid	XX	• Stearic acid	XX
• Picric acid	XX	• Valeric acid	XX

## Alkalines

• Ammonia (gas)	10-100ppm	• Caustic potassium	5-10ppm
• Ammonia (Solutions)	10-100ppm	• 7. Potassium hydroxyde solution	XX
• Ammoniacal solution	XX	• 8. Lithium hydroxyde	5-10ppm
• Caustic soda	5-10ppm	• 9. Calciumhydroxyde	XX
• Sodiumhydroxyde solution	XX	• 10. Magnesium hydroxyde	XX

## Ethers

• Diethylether	5-10ppm	• Acetic ether	5-10ppm
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## Amines

• Triethanolamine	XX	• Cyclohexylamine solution	XX
• Triethanolamine concentrated	XX	• Triethylamine	XX
• AMP 95 concentrated	XX	• Aniline	5-10ppm
• AMP 95 solution	XX	• Aniline chloride	5-10ppm
• Aniline sulphate	XX	• Methylamine	XX
• Hexamethylenetetraamine	XX	• Isoferondiamine	XX
• 7. Hexanediamine	5-10ppm	• Diphenylmethanediamine	XX
• 8. Phenylldiamine	XX	• DETHA	XX
• 9. Cyclohexylamine concentrated	5-10ppm		

## Aromatic hydrocarbons

• Xylene	XX	• Gumlac	XX
• Toluene	XX	• Benzene	XX
• Asphalt	XX	• Solventnaphta	XX
• Anthracene	XX	• Naphtalene	XX
• Benzapherene	XX	• Terpenes	XX

## Aliphatic hydrocarbons

• White spirit	XX	• Isopar G	XX
• White spirit	XX	• Paraffine	XX
• Shellsol TD	XX	• Paraffineoil	XX
• Bitumen	XX		

## Alcohols

• Methanol	5-10ppm	• Benzylalcohol	XX
• Ethanol	XX	• Diacetonalcohol DAA	XX
• Isopropanol	XX	• Glycerine	XX
• n-Butanol	XX	• n-Propanol	XX
• Amylalcohol	XX	• Pentanol	XX

## Softeners

• Palatinol C	XX	• Desavin	XX
• Chloorparaffine 5XX vl.	XX	• Disflamol TOF	XX
• Dioctylphosphate	XX	• Mesamol	XX
• Dibutylphosphate	XX	• Dinonylphenol	XX

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## Fuels &amp; Oils

• Diesel	XX	• Mineral Oils	XX
• Fuel oil	XX	• Breakliquide	XX
• Petrol	XX	• Skydrol	XX
• Superpetrol	XX	• Aninal oils	XX
• Lubricating oils	XX	• Ethric oils	XX
• Kerosene	XX	• Vegetable oils	XX
• Sferic oils	XX	• Butagas	XX
• LPG	XX	• Acetylene	XX

## Esters

• Ethylacetate	10-100ppm	• Butylacetate	XX
• Amylacetate	XX	• Butylpropionate	XX
• Propylacetate	XX	• Ethylformiate	XX
• Ethyloxalate	XX	• Ethylbenzoate	XX

## Ketones and Aldehydes

• Acetone	10-100ppm	• Crotonaldehyde	5-10ppm
• Aceetaldehyde	5-10ppm	• Formaldehyde	5-10ppm
• Benzaldehyde	10-100ppm	• Salicylaldehyde	5-10ppm
• Diisobutylketone	5-10ppm		
• Methylisobutylketone	5-10ppm		
• Methyl ethylketone	5-10ppm		
• Butanal	5-10ppm		

## Halogenated Hydrocarbons

• 1.1.1.Trichloorethane	5-10ppm	• Trichloorethylene	5-10ppm
• Methyleenchloride	5-10ppm	• Perchloorethylene	5-10ppm
• Methylbromide	5-10ppm	• Tetraiodicmethane	5-10ppm
• Tetrachloormethane	5-10ppm	• PCB	5-10ppm
• Dichloorethene	5-10ppm		

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## Salts &amp; Water solutions

• Sodiumsalts	XX	• Hydroquinone	XX
• Potassiumsalts	XX	• Ironsalts	XX
• Calciumsalts	XX	• Processwater	XX
• Aluminiumsalts	XX	• Rainwater	XX
• Ammoniumsalts	XX	• Seawater	XX
• Bariumsalts	XX	• Heavywater	XX
• Coppersalts	XX	• Zincsalts	XX
• Leadsalts	XX	• Tinsalts	XX
• Lithiumsalts	XX	• Siliconsalts	XX
• Magnesiumsalts	XX	• Cement	XX
• Mercurysalts	XX	• Quarts	XX
• Lithopone	XX	• Dolomite	XX
• Arsenious compounds	XX		

## Others

• Carbondisulphide	10-100ppm	• Camphor	XX
• Carbonmonoxyde	XX	• Carbon	XX
• Carbondioxyde	XX	• Cellulose	XX
• Nitrogen	XX	• Celluloseacetate	XX
• Hydrogenperoxyde	10-100ppm	• Nitrocellulose	XX
• Chlorine	5-10ppm	• Methylcellulose	XX
• Chlorine water	5-10ppm	• Cocos	XX
• Iodine	5-10ppm	• Silicium	XX
• Iodinetinctuur	10-100ppm	• Siliciumcarbide	XX
• Bromic	5-10ppm	• Cork	XX
• East-Indian ink	XX	• Woodfibre	XX
• Phosphor	XX	• Photo-developmentbathe	XX
• Diphosphorpentoxyde	5-10ppm	• Viscose	XX
• Zinc	XX	• Rescosinol	XX
• Aluminium	XX	• Resins	XX
• Glucose (syrup)	XX	• Tabaco	XX
• Fructose	XX	• Nicotine	XX
• Mercury	XX	• Trinitrobenzene	XX
• Sulpher	XX	• Gelatine	XX
• Antimony	XX	• Printer's ink	XX
• Indole	XX	• Milk	XX
• Latices	XX	• Potatoflour	XX
• Nitroglycerine	XX	• Vegetables	XX
• Hydrogen	XX	• Fruit	XX
• Epoxyresins	XX	• Spices	XX
• Isocyanate	XX	• Honey	XX
• Rubber	XX	• Eggs	XX
• Schellac	XX	• Cheese	XX
• Soaps	XX	• Mustard	XX
• Urea	XX	• Mayonnaise	XX
• Thiourem	XX	• Tomato Ketchup	XX
• Fruit essences	XX	• Curry	XX
• Beer	XX	• Cacao	XX
• Flourproducts	XX	• Lemonade	XX
• Corn	XX	• Coca Cola	XX
• Liqueurs	XX	• Pepsi Cola	XX
• Coffee	XX	• Sauerkraut	XX
• Tea	XX	• Blood	XX
• Liqueur	XX	• Ketjap	XX
• Menthol	XX	• Sambal	XX

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