



DIMER
YOUR SEALING PARTNER

DIMERSIL 40

CSF SHEET JOINTING



DIMERSIL 40 is a premium quality material with graphite fibre within the whole body of the material and high quality nitrile rubber binder.

Max. working pressure	MPa	10		
Max. working temperature	°C	continual	300	steam 280
		peak	450	

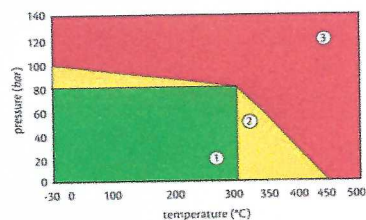
Application: water, water vapour, gas, oil, alcohol, fuel, basic chemicals

TECHNICAL PARAMETERS				Corresponding standard
DENSITY	g.cm ⁻³	1,6 - 1,9		DIN 28 090 - 2
RESIDUAL STRESS* 16 h/175 °C	MPa	30		DIN 52 913
COMPRESSIBILITY	%	9		ASTM F 36
RECOVERY min.	%	50		ASTM F 36
SPEC. LEAKAGE RATE	mg/(s.m)	0,05		DIN 3535 - 6/99
FLUID RESISTANCE - THICKNESS CHANGE				
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	3		ASTM F 146
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	5		ASTM F 146
FLEXIBILITY	no cracks and breaks			ASTM F 147
COLOR AND PRINTING	black			
CLASSIFICATION ACC.TO STANDARD	DIN 28 091 - 2			FA-MA-1-0 (ST)
	ASTM F 104			F 712 111 M6 (M7)

Note

- a) Parameters are valid for thickness 2.0mm
- 1) Suitable area (even for steam application)
 - 2) Suitable extended area, technical advice is recommended.
 - 3) For this area, technical consultation is mandatory.

* Maximum temperature and pressure values cannot be used simultaneously.



All data are inaugurated with good faith and have only informative character and cannot be used as reference data in case of reclamation. If additional information is required, please contact our technical support.

Valid since 1.1.2013



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Cesta Toneta Kralja 10 I, 1290 Grosuplje, Slovenia

Technical Data Sheet

	Recommended
	Recommendation depends on operating conditions
	Not recommended

Acetamide		Ethyl acetate		Oleic acid	
Acetic acid 10%		Ethyl alcohol		Oleum	
Acetic acid 100%		Ethyl chloride		Oxalic acid	
Acetic ester		Ethylene		Oxygen	
Acetone		Ethylene glycol		Palmitic acid	
Acetylene		Formic acid 10%		Pentane	
Adipic acid		Formic acid 85%		Perchloroethylene	
Air		Formaldehyde		Phenol	
Alum		Freon 12		Phosphoric acid	
Aluminium acetate		Freon 22		Potassium acetate	
Aluminium chlorate		Fuel oil		Potassium bicarbonate	
Aluminium chloride		Gasoline		Potassium carbonate	
Ammonia		Glycerin		Potassium chloride	
Ammonium bicarbonate		Heptane		Potassium dichromate	
Ammonium chloride		Hydraulic oil (Mineral)		Potassium hydroxide	
Ammonium hydroxide		Hydraulic oil (type phosphate ester)		Potassium iodide	
Amyl acetate		Hydraulic oil (type glycol)		Potassium nitrate	
Aniline		Hydrozine		Potassium permanganate	
Asphalt		Hydrochloric acid 20%		Propane	
Barium chloride		Hydrochloric acid 36%		Pyridine	
Benzene		Hydrofluoric acid 10%		Salicylic acid	
Benzoic acid		Hydrofluoric acid 40%		Silicone oil	
Baric acid		Hydrogen		Soap	
Borax		Isobutane		Sodium aluminate	
Butane		Isooctane		Sodium bicarbonate	
Butyl alcohol		Isopropyl alcohol		Sodium bisulphite	
Butyric acid		Kerosene		Sodium carbonate	
Calcium chloride		Lead acetate		Sodium chloride	
Calcium hydroxide		Lead arsenate		Sodium cyanide	
Carbon disulphide		Magnesium sulphate		Sodium hydroxide	
Carbon dioxide		Malic acid		Sodium sulphate	
Chloroform		Methane		Sodium sulphide	
Chlorine, dry		Methanol		Starch	
Chlorine, wet		Methyl chloride		Steam	
Chromic acid		Methylene dichloride		Stearic acid	
Citric acid		Methyl ethyl ketone		Sugar	
Copper acetate		Milk		Sulfuric acid 20%	
Creosole		Mineral oil type ASTM 1		Sulfuric acid 96%	
Cresol		Naphta		Tar	
Cyclohexanol		Nitric acid 20%		Tartaric acid	
Cyclohexanone		Nitric acid 40%		Toluene	
Decaline		Nitric acid 96%		Transformer oil	
Dibenzyl ether		Nitrobenzene		Trichlorethylene	
Dimethyl formamide		Nitrogen		Water	
Dow therm		Octane		White spirit	
Ethane				Xylene	



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