

CENTELLEN® OE WS 3850



SPECIAL QUALITY FOR USE WITH OILS

STRUCTURE

CENTELLEN® OE WS 3850 is produced according to the calender process. It consists of aramide and other fibres, inorganic reinforcement materials and contains NBR rubber as a bonding agent. The sheets are given a thin anti-adhesive surface during production. The chemical properties are not affected by this process.

TECHNICAL CHARACTERISTICS

CENTELLEN®-OE WS 3850 is oil resistant and can replace It-Ö.

CHEMICAL RESISTANCE

Resistant to

- Hydrocarbons such as oil or solvents
- Alcohols, glycols, aqueous solutions
- Water and steam up to 200°C
- Weak alkaline solutions and organic acids

Partially resistant to

- Ketones and esters
- Chlorinated solvents

Not resistant to

- Strong alkaline solutions and inorganic acids

RELEASES

BAM

STANDARD VERSION

Green-clear

Anti-adhesive coating OBGF

Standard delivery formats 1000 x 1500 mm

1500 x 1500 mm

1500 x 3000 mm

Other formats on enquiry

Thickness 0,3 up to 6 mm

APPLICATIONS DEPENDING ON PRESSURE AND TEMPERATURE

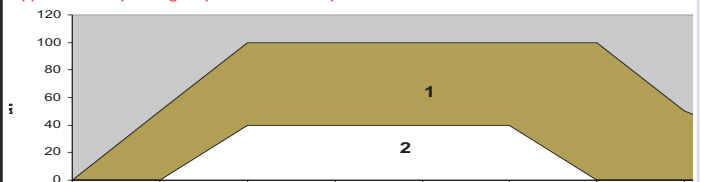
Constant maximum temperature and maximum pressure should not occur simultaneously !

Anwendungsbereiche in Abhängigkeit von Druck und Temperatur Domains d'application en fonction de la pression et de la température

Centellen® OE WS 3850

Applications depending on pressure and temperature

I campi di applicazione in funzione di pressione e temperatura



TECHNICAL DATA (2 mm)

	VALUE	UNIT	NORM
Density	1,8	g/cm ³	DIN 28090 (2)
Cold heading value (KSW)	12,7	%	DIN 28090 (2)
Cold resilience value (KRW)	6,5	%	DIN 28090 (2)
Warm setting value (WSW)	20,1	%	DIN 28090 (2)
Warm resilience value (WRW)	2,1	%	DIN 28090 (2)
Spec. leakage rate	0,08	mg/s*m	DIN 28090 (2)
Gas tightness	0,2	cm ³ /min	DIN 3535/6
Compressive strength (16h, 175°C)	27	N/mm ²	DIN 52913
Compressive strength (16h, 300°C)	22	N/mm ²	DIN 52913
Tensile strength transverse	8	N/mm ²	DIN 52910
Max. surface pressure (gas/liquides)	20 / 10	N/mm ²	DIN 28090
Max. surface pressure (23°C/ 200°C/ 250°C)	> 90 / 55 / 45	N/mm ²	DIN 28090
Min. temperature	- 100	°C	
Max. operating temperature	200	°C	
Max. temperature (temporary)	300	°C	
Max. pressure	100	bar	