



E85-B134

This TDS describes an approved EPDM compound with good mechanical and chemical resistances. This compound is intended for production of static and dynamic gaskets

HD SLIPPERS SRL certify that E85-B134 meets the following approvals

- Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC (Official Journal L 338)

- Commission Regulation (EC) No 2023/2006 of 22 December 2006 on good manufacturing practice (GMP) for materials and articles intended to come into contact with food (Official Journal L 384)

- In line with Article 17 of Regulation (EC) No 1935/2004, the traceability of all materials and items brought into circulation is assured by means of an appropriate system.

- The compound meets the specifications of the positive list to 21 CFR 177.2600 "Rubber articles intended for repeated use" of the Food and Drug Administration (FDA), USA.

- 3-A Sanitary Standard Class II

**HD SLIPPERS SRL
legal representative**





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PROPERTY	METHOD	UNITS	VALUE
Color			White
Specific gravity	DIN ISO 1183-1	g/cm ³	1,39 ±0,03
Hardness	DIN ISO 7619-1	Sh.A	85 ±5
Tensile strength	DIN 53504	N/mm ²	5,8
Elongation	DIN 53504	%	454,5
Modulus 100%	DIN 53504	N/mm ²	3,0
Tear resistance	DIN ISO 34-1	kN/m	28,8
Service temperature (min-max)	/	°C	-50/+100
Compression set			
25% - 24 hrs at 70 °C	DIN ISO 815-1	%	19,8
25% - 24 hrs at 100 °C	DIN ISO 815-1	%	35,1

CHEMICAL RESISTANCE GUIDELINE

R = Resistant		NR = Not Resistant	
Chemical group / Media	Rating	Chemical group / Media	Rating
Air up to 100 °C	R	HFD-R Fluid	R
Air from 150 °C	NR	HFD-S Fluid	NR
Alcohols	R	Ketones	R
Biodegradable Oils	NR	Mineral Oils	NR
Esters	R	Oxygen	R
Fuels	NR	Ozone	R
HFA Fluid	NR	Steam from 180 °C	NR
HFB Fluid	NR	Vegetable Oils	NR
HFC Fluid	R	Water up to 90 °C	R

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