



## V85-M152

This TDS describes an approved fluorocarbon FPM compound with good compression set and resistance to high temperature  
This compound is intended for production of static and dynamic gaskets

**HD SLIPPERS SRL certify that  
V85-M152 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**





## V85-M152

PROPERTY	METHOD	UNITS	VALUE
Color			Brown
Specific gravity	DIN ISO 1183-1	g/cm <sup>3</sup>	2,45 ±0,03
Hardness	DIN ISO 7619-1	Sh.A	85 ±5
Tensile strength	DIN 53504	N/mm <sup>2</sup>	8,5
Elongation	DIN 53504	%	208,1
Modulus 100%	DIN 53504	N/mm <sup>2</sup>	6,3
Tear resistance	DIN ISO 34-1	N/mm	16
Service temperature (min-max)	/	°C	-25/+210
Compression set			
25% - 24 hrs at 70 °C	DIN ISO 815-1	%	7,6
25% - 24 hrs at 100 °C	DIN ISO 815-1	%	7,3
25% - 24 hrs at 175 °C	DIN ISO 815-1	%	12,3

### CHEMICAL RESISTANCE GUIDELINE

R = Resistant		NR = Not Resistant	
Chemical group / Media	Rating	Chemical group / Media	Rating
Air up to 200 °C	R	HFC Fluid	R
Alcohols	R	HFD-R and HFD-S Fluid	R
Biodegradable Oils	R	Mineral Oils	R
Diesel	R	Oxygen	R
Fuels	R	Ozone	R
Hydrocarbons	R	Silicone Oils	R
Gasoline	R	Steam	NR
HFA Fluid	R	Vegetable Oils	R
HFB Fluid	R		

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