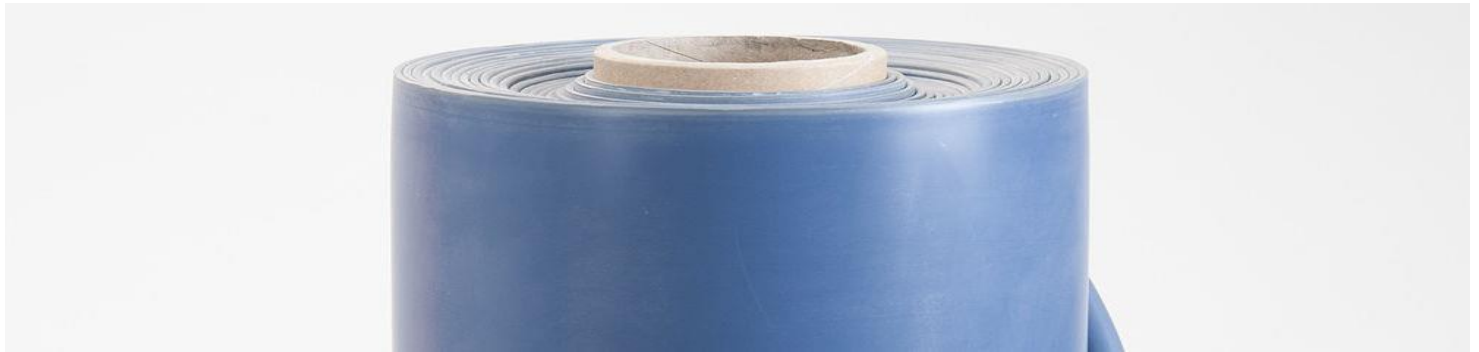


Flon-Chem® - 1007 DETEK

METAL DETECTABLE VMQ

Material based on VMQ classified as **metal detectable, FDA certified**, perfect for food & beverages and pharmaceutical purpose.



TYPICAL PROPERTIES:

FLON-CHEM-1007: Thanks to the presence of iron oxide in its formulation, this quality of silicone is detectable by electromagnets, sensors and magnetic detectors used in internal transport lines.

FLON-CHEM-1007: fragments are easy to be find in case of breakage so the final product would not be contaminated.

FLON-CHEM-1007: is mainly used in the food, dairy and pharmaceutical industry.

COMPLIANCE/APPROVALS:

CE Regulations: 1935/2004/CE
10/2011/UE

USA Directives: FDA, Food and Drug Administration, department of Health and Human Services, Code of Federal Regulations 177.2600-21 and BfR XV

PROPERTIES	NORM	UNITS	VALUE
Color			Blue
Hardness	DIN 53505	Shore A	60 +/-5
Specific Gravity	DIN EN ISO 1183-1A	g/cm ³	1,19+/-0,03
Tensile Strength	DIN53504-S2	MPa	7
Elongation at Break	DIN53504-S2	%	400
Tear Strength	ASTM D624 B	N/mm	17
Compression Set (22hr @ 175°C)	ISO 815B	%	35
Magnetic Pull	SEW1 662	mm	6,5
Operating temperature range		°C	-50°+200°

Note: These are typical properties and not used for specification purpose

PRODUCT PROPERTIES:

- Very good mechanical properties
- Exceptional temperature resistance
- Metal detectable
- Suitable for food, dairy and Pharmaceutical application
- FDA approved

All information in this document is based on years of experience in manufacture and use of the discussed products. Since sealing performance in the joint is subject to multiple factors such as mounting method, system parameters, and sealed medium, technical parameters specified herein are of informative nature only and cannot be used as grounds for any claims any special uses of products are subject to consulting with the manufacturer.