

TECHNICAL INFORMATION

08-2008

Electrical properties:

Typical values for a thickness of 2mm

Gasket Material	Dielectric Strength	Volume Resistance
TESNIT	kV/mm	Ωcm
BA-U	22	$1,1-1,5 \cdot 10^{10}$
BA-50	22	$1,1-1,5 \cdot 10^{10}$
BA-GL	27	$3,4-7,9 \cdot 10^{10}$
BA-CF	9	$6,8-7,8 \cdot 10^8$
BA-F	7	$1,1-1,2 \cdot 10^8$
Doniflex GLD	/	$1,7-2,8 \cdot 10^3$

DEFINITION of INSULATORS:

Volume Resistance	Definition
$< 10^4 \Omega\text{cm}$	CONDUCTOR
$1 \cdot 10^4 - 9 \cdot 10^9 \Omega\text{cm}$	ANTISTATIC
$> 10^9 \Omega\text{cm}$	INSULATOR

Donit Tesnit d.d.

All information data are based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behavior in gasket joint. The data may not, therefore, be used to support any warranty claims.
Whenever there is any doubt, our staff will be pleased to assist you in finding the optimum sealing solutions.

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