

DECLARATION OF CONFORMITY

3-A Sanitary Standard

We, Seal Supply B.V., herewith declare, that the material **EPDM 1285-01812** meets the requirements of the 3-A Sanitary Standard Class II.

The immersion tests were performed according to the specifications of 3-A No. 18-03. The results are listed below:

Table 1: Material properties

	Unit	Specification	Measured
Tensile Strength	MPa	5,8 $\pm 25\%$	6,1
Elongation at Break	%	454,5 $\pm 25\%$	511,2
Hardness	Shore A	85 ± 5	80

Table 2: Ageing

Conditions	Air, 100°C	
Time	hr	168
Change in Tensile Strength	%	35
Change in Elongation	%	-33
Change in Hardness	PTS	6
Visual Change	none	

Table 3: Immersion Tests

Immersion material	Unit	Water, dest.	Nitric Acid 0,5%	Alkaline Cleaner	Chlorine Sanitizer
Temperature	°C	70	82	82	82
Time	hr	22	22	22	22
Change in Hardness	PTS	-2,5	-1,7	-7,3	-2,5
Change in mass	%	1,2	1,0	1,5	1,6
Change in Volume	%	1,3	1,3	2,1	1,6
Visual Change		none	none	none	none

Analysis and Evaluation

The aforementioned instructions, recommendations and guidelines are according to our best knowledge. We can, however, not accept any guarantee and / or liability in this respect. It is in the customers responsibility to check, whether the material is suitable for the application.