



### Even Wall Pump Elastomer Specification

Elastomer		Nitrile	Nitrile Soft	High Nitrile	HN1	HN2	High Temp
ACN content	[%]	36	36	48	68	68	
API							
Temperature max	°C	90	90	90	150	150	200
	°F	194	194	194	302	302	400
Resistance to H <sub>2</sub> S	[%] max.	< 2	< 2	< 2	> 2	> 2	> 2
Usable at explosive decompression		no	no	no	yes	yes	yes
Resistance to "sour crude oil" (H <sub>2</sub> S + CO <sub>2</sub> + Methan)		no	no	no	yes	yes	yes
Sand Content		< / = 10 %	< / = 10 %	< / = 10 %	< / = 10 %	< / = 10 %	< / = 10 %
Hardness	[SHA]	68	55	68	70	68	73
Abrasion Resistance	[mm <sup>3</sup> ]	110	110	142	110	110	130
Tensile Strength	[N/mm <sup>2</sup> ]	18	18	18,6	15	15	19
Elongation	[%]	410	410	440	400	500	250
Density	[g/cm <sup>3</sup> ]	1,21	1,21	1,21	1,15	1,14	