## Table for Useful Life of Rubber Flexible Joint



Rubber flexible joints have a life cycle. It is very difficult to calculate uniformly because a product lifetime is influenced by various factors. However, we can surmise useful life of a product under conditions of use in a unique method from our successful record. Our standard useful life of rubber flexible joints is 10 years and you can calculate the useful life with each coefficient according to conditions of use. You can use this for your equipment maintenance plan as a guide.

Coefficient No.	Factor		Coefficient Value					
1	Coeffcient for tha product pruper structure, material, shape, etc.		TWINFLEX	OFLEX	10-FLEX	FLEXI-DRAIN	LS-CONNECTOR	
		Flexible Joint	1.1	1.1	1.1	***************************************	<b>%</b> 1	
		Expansion Joint	1.0	1.0	1.0	1.0	<b>%</b> 1	
2	Confficient for max operationg pressure of liquid.	less than 1.0MPa	1.0	1.0	1.0	1.0	1.0	
		over 1.0MPa	0.9	0.9	0.9	***************************************	1.0	
		over 1.37MPa / less than 1.6MPa	0.8	0.8	0.8	***************************************	0.9	
		over 1.6MPa / less than 2.0MPa	0.7		***************************************	***************************************	0.8	
		over 2.0MPa	***************************************	***************************************	***************************************	***************************************	0.7	
3	Confficient for max operationg temperature of liquid.	less than 40°C	1.0	1.0	1.0	1.0	1.0	
		less than 50°C	0.9	0.9	0.9	0.9	0.9	
		less than 60℃	0.8	0.8	0.8	0.8	0.8	
		less than 70°C	0.7	0.7	0.7	***************************************	0.7	
		less than 80℃	***************************************	***************************************	***************************************	***************************************	0.5 **2	
4	Confficient for operationg period.	less than 10 hours/day	1.0	1.0	1.0	1.0	1.0	
		over 10 hours/day	0.9	0.9	0.9	0.9	0.9	
		over 15 hours/day	0.7	0.7	0.7	0.7	0.7	
		over 20 hours/day	0.6	0.6	0.6	0.6	0.6	
5	Confficient for repetition of displacement.	No	1.0					
		Yes	0.8					
6	Confficient for times of pump on/off	less than 10 times/day	1.0	1.0	1.0	ACCOUNTS AND ADDRESS OF THE PARTY OF THE PAR	1.0	
		over 10 times/day	0.8	0.8	0.8	The same of the sa	0.8	
7	Confficient for pressure change(max pressure / normal pressure)	less than 1.5 times	1.0	1.0	1.0	1.0	1.0	
		over 1.5 times <sup>**2</sup>	0.8	0.8	0.8	The state of the s	0.8	
8	Confficient for outdoor exposure.	other than outdoor exposure		1.0				
		outdoor exposuree	0.9					
9	Confficient for displacement rete (operating displacement / allowance)	less than 50%		1.0				
		over 50%	0.8					

¾1 Coefficient No.1 for LS series: 1.2 for standard type, 1.5 for aramid reinforcing fiber.