technical data sheet HD packer lateral (for straigth pipes) as well as flow-control & test bladders

The HD-Lateral-Pipe-Repair-Packer is inflated inside empty pipe with the initial air-pressure (A) or about 5 seconds in order to press the packer to the inner surface of the Pipe. Immediately after that, the packer must be totally emptied from initial air pressure. The packer is then ready for operation under the pressure of application. For further use strictly hold on to the pressure of application.Expanding parts should be kept inside the pipe in order to avoid damages. Don´t buckle the packer while stored.

Air-Pressures according to diameters HD- Lateral-Pipe-Repair-Packer at 20°C / 68°F initial air-pressure (A)*, pressure of application (B)*, maximum length of application in cm (C)** packer Type DN / diameter packersize dimension DN Max

packer type DN / diameter	packer size dimension DN													max. operatin pressure
		25	30	50	70	100	125	150	200	250	300	400	500	1000	
25-70 mm/ 20 mm	A	3	3,5	4	4,5										6 bar
	B	2,5	3	3,5	4										
	C	8	9	10	12										
30-100 mm / 28 mm	A		2	2,5	3	3,5	-	-	-	-	-	-	-	-	6 bar
	B		1,5	2	2,5	3,2	-	-	-	-	-	-	-	-	
	C		15	15	15	18	-	-	-	-	-	-	-	-	
50-150 mm / 42 mm	A		-	2	2	2,5	3	3	-	-	-	-	-	-	5 bar
	B		-	1	1,5	2	2	2,5	-	-	-	-	-	-	
	C		-	20	22,5	25	27	30	-	-	-	-	-	-	
70-200mm / 56 mm	A		-	-	2	2	2	2,5	3	-	-	-	-	-	5 bar
	B		-	-	1	1	1,5	2	2,5	-	-	-	-	-	
	C		-	-	20	22,5	25	27	30	-	-	-	-	-	
100-250mm / 66 mm	A		-	-	-	2	2	2,5	2,5	3	-	-	-	-	5 bar
	B		-	-	-	1,5	1,5	2	2	2,5	-	-	-	-	
	C		-	-	-	20	22,5	25	27	30	-	-	-	-	
125-300mm / 90 mm	A		-	-	-	-	2	2,2	2,5	2,5	2,5	-	-	-	4 bar
	B		-	-	-	-	1,5	1,5	1,5	2	2	-	-	-	
	C		-	-	-	-	25	30	35	40	50	-	-	-	
200-500 mm / 150 mm	A		-	-	-	-	-	-	1,5	1,5	1,5	1,5	1,5	-	3 bar
	B		-	-	-	-	-	-	1	1	1	1	1,3	-	
	C		-	-	-	-	-	-	35	40	50	60	80	-	
300-1000 mm / 270 mm	A		-	-	-	-	-	-	-	-	1,5	1,5	1,5	1,5	2,5 bar
	B		-	-	-	-	-	-	-	-	1	1	1	1,2	
	C		-	-	-	-	-	-	-	-	70	80	85	140	

* Ai -pressure may differ up to 0.3 bar (30000 Pa) due to thermal influences
** Packer length less figure C equals length of tube