

INDUSTRIAL HOSES - material handling



SHANNON / 80 HD®

Internal layer: Black SBR/NR rubber compound
Reinforcement: Four steel wire braids up to DN125
 Six steel wire braids DN152
External layer: Black SBR/NR rubber compound
Working temp.: From -40°C up to +70°C

Hardwall, delivery hose designed to transfer concrete and cement mortar. Highly resistant to abrasion, ozone and weather conditions. Widely used in pumps to pour concrete into a casting location (foundations, walls, floor). Delivered as a complete hose assembly with groove couplings. When placing an order, please state: overall length, hose diameter and the size of a coupling. Resistant to abrasion according to DIN 53516: 50 mm³.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	bending radius [mm]
IV-SHAN80-051L	51	71.5	80	200	3.38	380
IV-SHAN80-065L	65	85	80	200	4.11	400
IV-SHAN80-076L	76	97	80	200	4.92	400
IV-SHAN80-100	100	124	80	200	6.87	550
IV-SHAN80-125	125	150	80	200	8.69	700
IV-SHAN80-152	152	184	80	175	14.25	800

Groove couplings used with SHANNON® hoses


picture	code	hose DN [mm]	size [inch]	description
	IV-SHAN-ZR-ZK-051-200	51	2	Groove coupling with a hose fitting + ferrule. Material: carbon steel. Depth of coupling hardening: 0.6 ÷ 0.8 mm Hardness: 56 ÷ 58 HRC.
	IV-SHAN-ZR-ZK-065-300	65	3	
	IV-SHAN-ZR-ZK-076-300	76	3	
	IV-SHAN-ZR-ZK-076-325	76	3.1/4	
	IV-SHAN-ZR-ZK-100-400	100	4	
	IV-SHAN-ZR-ZK-100-450	100	4.1/2	
	IV-SHAN-ZR-ZK-125-500	125	5	
	IV-SHAN-ZR-ZK-125-550	125	5.1/2	
	IV-SHAN-ZR-ZK-152-600	152	6	


Basic dimensions of a groove coupling


picture	size [inch]	hose DN [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
	2	51	50	60	16	18	57
	3	65	65	89	16	20	84
	3	76	76	89	16	20	84
	3.1/4	76	76	97	16	20	88
	4	100	100	114	16	20	108
	4.1/2	100	100	127	16	20	114
	5	125	125	141	17	20	133
	5.1/2	125	125	148	17	20	139
	6	152	150	167	17	20	159




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picture	code	size [inch]	description
	IV-SHAN-ZR-OB-200	2	Snap clamp of a groove coupling without a gasket or a safety pin. Material: carbon steel. Working pressure: 80 bar.
	IV-SHAN-ZR-OB-250	2.1/2	
	IV-SHAN-ZR-OB-300	3	
	IV-SHAN-ZR-OB-325	3.1/4	
	IV-SHAN-ZR-OB-400	4	
	IV-SHAN-ZR-OB-450	4.1/2	
	IV-SHAN-ZR-OB-500	5	
	IV-SHAN-ZR-OB-550	5.1/2	
IV-SHAN-ZR-OB-600	6		

picture	code	size [inch]	description
	IV-SHAN-ZR-OU-200	2	Gasket for a snap clamp of a groove coupling. Material: SBR rubber.
	IV-SHAN-ZR-OU-250	2.1/2	
	IV-SHAN-ZR-OU-300	3	
	IV-SHAN-ZR-OU-325	3.1/4	
	IV-SHAN-ZR-OU-400	4	
	IV-SHAN-ZR-OU-450	4.1/2	
	IV-SHAN-ZR-OU-500	5	
	IV-SHAN-ZR-OU-550	5.1/2	
IV-SHAN-ZR-OU-600	6		

picture	code	dimensions [mm]	description
	IV-SHAN-ZR-OZ-56X6	56x6.5	Safety pin of a clamp.
	IV-SHAN-ZR-OZ-70X6	70x6.5	
	IV-SHAN-ZR-OZ-70X8	70x8	

picture	code	diameter [mm]	description
	IV-SHAN-KM-060	60	Cleaning ball for SHANNON hoses (soft).
	IV-SHAN-KM-080	80	
	IV-SHAN-KM-100	100	
	IV-SHAN-KM-125	125	
	IV-SHAN-KM-150	150	
	IV-SHAN-KS-060	60	Cleaning ball for SHANNON hoses (medium).
	IV-SHAN-KS-080	80	
	IV-SHAN-KS-100	100	
	IV-SHAN-KS-125	125	
	IV-SHAN-KS-150	150	
	IV-SHAN-KT-060	60	Cleaning ball for SHANNON hoses (hard).
	IV-SHAN-KT-080	80	
	IV-SHAN-KT-100	100	
	IV-SHAN-KT-125	125	
	IV-SHAN-KT-150	150	