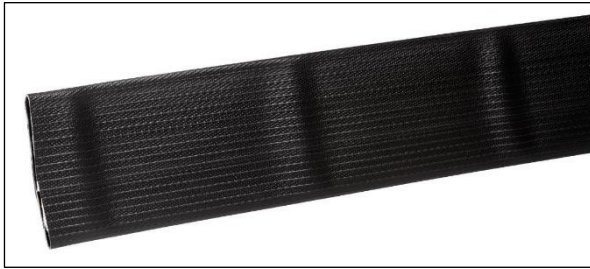




Flat hoses for water and air



HILCOFLEX

Universal flat hose for heavy duty applications

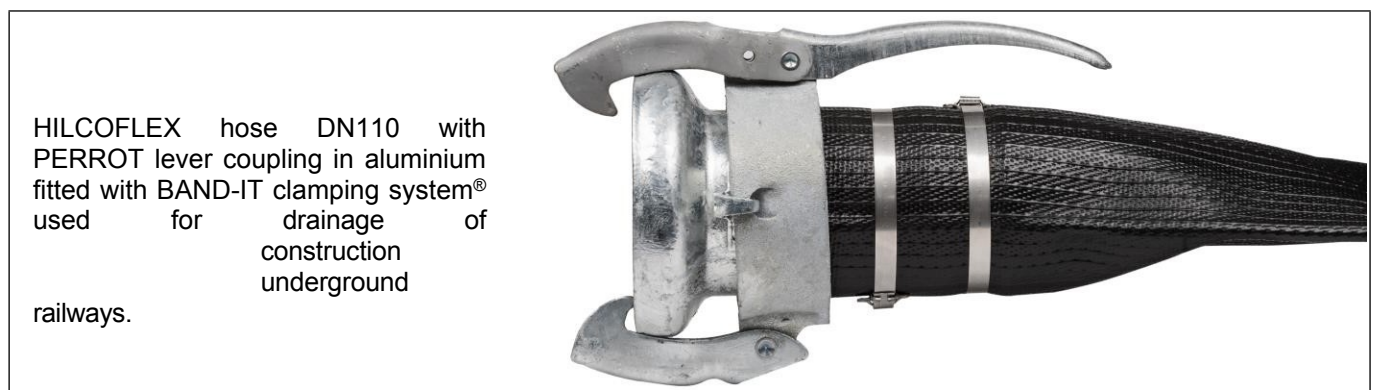
Hose material: black NBR/PVC compound pressed into a polyester/polyamide braid in a hose extrusion process

Operating temp: -20°C to +80°C (water)
temporarily up to +100°C (water)

Robust delivery hose for the transfer of water or compressed air in irrigation systems, agriculture, mines, construction sites, etc. Inner layer smooth to ensure minimal flow losses. Outer layer slightly longitudinally ribbed, which serves to increase abrasion resistance and protection against contact with hot elements. Resistant to abrasion, ozone, weathering, oil, fuels and a wide range of chemicals. Lighter and more flexible than standard rubber hoses. Flat at rest for easy handling and storage. Requires no washing or drying. Resistant to longitudinal loads - during unwinding and pulling (longitudinal force should never exceed 1/3 of the specified breaking force, fitting of ends should take into account the longitudinal force). Use for air should always be preceded by a risk analysis in case of accidental disconnection or tearing of the hose.

index	internal diameter [mm]	wall thickness [mm]	external diameter [mm]	working pressure 20 °C [bar]		Bursting pressure 20 °C [bar]	mass [kg/m]	Roll length [m]	hose breaking force [kG]
				water	air				
GH-HFLEX-020	20	2	24	25	18	75	0,18	100	1000
GH-HFLEX-026	26	2,2	30,4	25	18	75	0,21	100	1200
GH-HFLEX-032	32	2,2	36,4	20	15	60	0,24	100	1600
GH-HFLEX-035	35	2,2	39,4	16	12	50	0,25	100	1600
GH-HFLEX-038	38	2,3	42,6	16	12	50	0,30	100	1700
GH-HFLEX-045	45	2,3	49,6	16	12	50	0,34	100	3000
GH-HFLEX-052	52	2,5	57	16	12	50	0,40	100	3900
GH-HFLEX-055	55	2,5	60	16	12	50	0,42	100	3900
GH-HFLEX-060	60	2,5	65	16	12	50	0,55	100	4100
GH-HFLEX-065	65	2,5	70	16	12	50	0,54	100	4300
GH-HFLEX-070	70	2,8	75,6	16	12	50	0,60	100	6300
GH-HFLEX-076	76	2,9	81,8	16	12	50	0,65	100	6500
GH-HFLEX-080	80	3,2	86,4	16	12	50	0,80	100	7500
GH-HFLEX-090	90	3,3	96,6	16	12	50	0,90	100	8500
GH-HFLEX-102	102	3,3	108,6	16	12	50	1,00	100	9500
GH-HFLEX-110	110	3,3	116,6	15	11	45	1,20	100	10500
GH-HFLEX-120	120	3,5	127	14	10	42	1,40	100	11000
GH-HFLEX-127	127	3,5	134	14	10	42	1,40	100	17000
GH-HFLEX-152	152	3,7	159,4	14	10	42	1,80	100	17900
GH-HFLEX-203	203	3,9	210,8	10	7	30	2,60	100	26900
GH-HFLEX-254	254	5,2	264,4	10	7	30	4,20	100	43200

Note: indexes highlighted in colour - most commonly used



HILCOFLEX hose DN110 with PERROT lever coupling in aluminium fitted with BAND-IT clamping system[®] used for drainage of construction underground railways.

