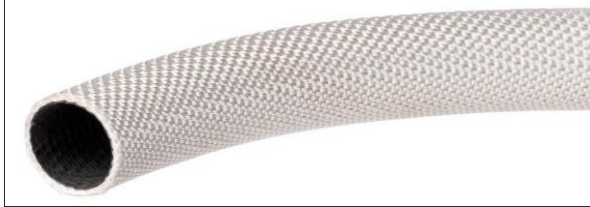




Fire-fighting semi-rigid water hoses

Semi-rigid fire hoses are designed for water and extinguishing agents in fire-fighting equipment: hydrants, motor-pump equipment and fire engines. The name "**semi-rigid**" in firefighting terminology distinguishes these hoses from the flat (flat-fold) hoses widely used in fire-fighting systems. Unlike flat hoses, semi-rigid hoses do not need to be completely unrolled to ensure the flow of water to the point of fire, hence they are used on reels (reels) placed at hydrants in buildings or on fire engines - fire engines. Flat-faced (flat-rolled) fire hoses are described in this chapter in the section on flat-faced hoses.



INDUSTRIAL SR

Lightweight semi-rigid fire hose for reels EN 694

Inner layer: smooth synthetic rubber

Reinforcement: polyester braid with stiffener
PET coil

Operating temperature: -20°C to +60°C

Extremely lightweight, flexible water delivery hose for internal fire protection of buildings. Inner layer made of high-quality synthetic rubber. The outer layer is a strong, dense polyester braid with stiffening by a thin and dense PET plastic spiral. The hose is used in internal hydrant cabinets: 20 to 30 m of hose wound on a reel (hose reel) with a nozzle mounted on the end of the hose. Compliant with EN 694 standard for fire hoses (*type B class 5*). In terms of fire protection (Poland), has a certificate of conformity from the CNBOP-PIB.

It can also be used in industry - for seawater, industrial water and some light diluted chemicals as well as air, dust and light particles. Not intended for use in harsh outdoor environments. Mounted with hose clamps or collets on ends with smooth, sharp-notched ferrules to avoid cutting the inner layer.



index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure [bar]	test pressure [bar]	Bursting pressure [bar]	mass [kg/m]	length [m]
BZ-INDUSTRIAL-SR-19	19	23	2	12	24	42	0,149	20 / 30
BZ-INDUSTRIAL-SR-25	25	29	2	12	24	42	0,169	20 / 30
BZ-INDUSTRIAL-SR-33	33	37	2	7	14	24,5	0,263	20 / 30

Note: indexes highlighted in colour - most commonly used



ANKARA® EN

Semi-rigid rubber fire hose for reels EN 694

	ANKARA EN	(ANKARA DIN*)
Inner layer:	black EPDM rubber	(black conductive rubber NR/SBR)
Amplification:	synthetic cord	(synthetic cord)
Outer layer:	black EPDM rubber	(black SBR rubber)
Operating temp:	from -20°C to +60°C	(-40°C to +70°C)

Robust, flexible rubber fire hose, suitable for reel operation. ANKARA EN hose is made to EN 694, the European standard for hoses for fixed fire-fighting installations and commonly used on reels in fixed hydrants in buildings, industrial installations, shopping centres, etc. Inner layer of EPDM rubber, resistant to light chemicals and fire-fighting foaming agents. External layer in EPDM rubber, abrasion and weather resistant. Works well mounted on reels to ensure water flow when the hose is not fully extended.

* Also available: ANKARA DIN hose according to the requirements of the older DIN 14817: 1991 for powder and foam extinguishing agents, with an inner layer of conductive NR/SBR rubber and an operating pressure of up to 20 bar, also suitable for reel operation.



index	standard	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure [bar]	test pressure [bar]	bursting pressure [bar]	internal diameter [mm]	mass [kg/m]	length [m]
IV-ANKARA-EN-19	EN 694 A1	19	34	7,5	12	24	42	200	0,73	60 / 120
IV-ANKARA-EN-25		25	40	7,5	12	24	42	200	0,90	60 / 120
IV-ANKARA-EN-33		33	47	7	7	14	24,5	280	1,00	60 / 120
IV-ANKARA-25	DIN 14817	25	37	6	20	30	60	~	0,65	60 / 120
IV-ANKARA-32		32	46	7	20	30	60	~	0,88	60 / 120
IV-ANKARA-38		38	54	8	20	30	60	~	1,25	60 / 120

Note: indexes highlighted in green - most commonly used

