



The retaining system for high pressure hoses

AS-Megaforce Selection parameters:		
Assembly: retrofittable*	for hoses DN16 - DN50 up to R15 for hoses DN60 - DN100 up to 2SN	
Outdoor: no	Chemistry: no	max. temperature: +125°C

* only type 52-B and 52-K (type 52-L: disconnect and max. 100°C)

Series AS-Megaforce ... sometimes it just has to be a little bit more ...

The development of the series AS-Megaforce was a challenge! The goal: Development of a hose retaining system combining the numerous advantages of the series AS-Professional, but for extreme pressure stages and large nominal diameters of the hose at the same time. The result: Exceeds all expectations - the name AS-Megaforce is justified! In order to satisfy the various application profiles we developed three types. All those three types have the subsequently openable tensioner lock 'Basic52' on the hose side. This tensioner lock allows the retaining system to be braced tightly on the hose - this is extremely important in order to minimize the signs of wear during the later operation! For further details about the different types please refer to the page on the right. For the protection of the outer rubber of the hose and in case of pulsation/vibration we recommend the use of the extra wide, self-adhesive or extra strong protection tape 'Cablelock-AS-Tape'.



Retaining systems which are firmly braced on the hose prevent frayed wire cables!

The 18 advantages of the series AS-Megaforce:

- installable without line disconnection** - saves time and money!
- installable even for limited installation conditions!
- no sharp corners, edges or sharp ends of the wire cable
- compact length of cable bow for short whipping distances
- low stock costs due to few types
- short installation time even when the hose line is installed**
- firmly braced on the hose side (see above)
- firmly braced on the machine side**
- suitable even in high operating temperatures**
- DN16 - DN40 exceed R15-pressure values / DN50 up to R15
- every Cablelock is packed individually
- very detailed operating manual supplied with each Cablelock
- smallest delivery quantity 1 piece - no annoying packing units
- imprinted CE-label and identification letter
- tested with 1.5x operating pressure at minimum bending radius (see also page 1)
- very good overall impression
- special length even possible for small quantities
- made in Germany

** only for series 52-B

Important operation notes:

Install the retaining system for safety reasons always in pressureless state!

Always observe the information of the detailed operating manual supplied with the delivery!

The series above is not suitable for outdoor use. For outdoor application please use the series INOX!

Please note the list of residual risk at www.cablelock.de - important information.

Technical data:

- for nominal hose diameters from DN16 to DN100
- for pressure stages from 50 bar up to 560 bar
- operating temp. -40°C up to +125°C type 52-B & 52-K
- operating temp. -40°C up to +100°C type 52-L & 51-2L
- materials steel galv./brass/light metal; type AS52-L & AS51-2L additional protective cover out of PA
- ident. length see www.cablelock.de
- for more technical data see tables on the right

Accessories (see page 18):

- AS-Tape as a protection for the outer rubber of the hose in case of pulsation/vibration
- table with tape length see www.cablelock.de
- installation tools with all the tools needed to install the Cablelock and the tape

Series AS-Megaforce



The retaining system for high pressure hoses

Type AS52-B for hoses DN32 to DN76

Extra strong retaining system with a 5mm high tensile dual wire cable and an openable Cablelock tensioner lock on both sides. Type AS52-B is suitable for all common hydraulic hoses with nominal diameters from DN32 to DN76 and dimensionally suitable for the hose types* 1-2SC, 1-2SN, 4SP, 4SH, R13, R15. DN32-DN50 concerning pressure stage up to R13/R15 and higher (DN60-DN76 for 2SN). Compatible to all fitting types according to DIN 20066. More important information see on the left page.

also suitable for subsequent assembly



for hose*	for fixpoints OD	for connection	max. operating pressure	length of cable bow	Ident. No.**
DN32 exceeds R15	38mm - 52mm	Suitable for all connection sizes according to DIN 20066	525bar	approx. 290-370mm	CL-AS52-BF
DN40 exceeds R15	44mm - 61mm		450bar	approx. 300-380mm	CL-AS52-BG
DN50 up to R15	56mm - 74mm		420bar	approx. 300-390mm	CL-AS52-BH
DN60+DN63	68mm - 87mm		210bar	approx. 310-390mm	CL-AS52-BK
DN76	85mm - 102mm		100bar	approx. 310-390mm	CL-AS52-BM

Type AS52-L and AS51-2L for hoses DN16 to DN76

Extra strong retaining system with a 5mm high tensile dual wire cable***. With a openable Cablelock tensioner lock on the hose side and a bracket attachment on SAE-screws on the machine side. Suitable for all common hydraulic hoses from DN16 to DN76 and suitable for the hose types* 1-2SC, 1-2SN, 4SP, 4SH, R13, R15. DN16-DN50 concerning pressure stage up to R13/R15 and higher (DN60-DN76 for 2SN). Compatible for SAE flange fittings of the series 3000+6000PSI. More important information see on the left page.



for hose*	bracket ID	for SAE-flange types	max. operating pressure	length of cable bow	Ident. No.**
DN16+DN20 exceeds R15	10,5mm	6000-3/4"	560bar	approx. 230-350mm	CL-AS51-2LW***
DN25 - DN40 exceeds R15	10,5mm	3000-11/4"	DN25 up to 560bar DN32 up to 525bar DN40 up to 450bar	approx. 340-450mm	CL-AS52-LF
DN20+DN25 exceeds R15	12,5mm	6000-1"	560bar	approx. 240-380mm	CL-AS51-2LX***
DN32+DN40 exceeds R15 DN50 up to R15	12,5mm	3000-11/2"+2"	DN32 up to 525bar DN40 up to 450bar DN50 up to 420bar	approx. 350-450mm	CL-AS52-LG
DN60+DN63	12,5mm	3000-21/2"	210bar	approx. 360-450mm	CL-AS52-LH
DN25 - DN40 exceeds R15	14,5mm	6000-11/4"	DN25 up to 560bar DN32 up to 525bar DN40 up to 450bar	approx. 340-450mm	CL-AS52-LN
DN32+DN40 exceeds R15 DN50 up to R15	16,5mm	6000-11/2"	DN32 up to 525bar DN40 up to 450bar DN50 up to 420bar	approx. 350-450mm	CL-AS52-LP
DN76	16,5mm	3000-3"	100bar	approx. 380-450mm	CL-AS52-LL
DN40 exceeds R15 DN50 up to R15	20,5mm	6000-2"	DN40 up to 450bar DN50 up to 420bar	approx. 350-450mm	CL-AS52-LS

Type AS52-K for hoses DN32 to DN100

Extra strong retaining system with a 5mm high tensile dual wire cable. With a openable Cablelock tensioner lock on the hose side and a thimble version for shackle attachment on the machine side. Suitable for all common hydraulic hoses from DN32 to DN100 and suitable for the hose types* 1-2SC, 1-2SN, 4SP, 4SH, R13, R15. DN32-DN50 concerning pressure stage up to R13/R15 and higher (DN60-DN100 for 2SN). The pressed-on thimbles allow various installation methods. More important information see on the left page.



for hose*	thimble ID	for connection	max. operating pressure	length of cable bow	Ident. No.**
DN32 exceeds R15	15mm for M14	Universal installation option. Cables have to be equally loaded when tearing off.	525bar	approx. 400-440mm	CL-AS52-KF
DN40 exceeds R15	15mm for M14		450bar	approx. 400-440mm	CL-AS52-KG
DN50 up to R15	15mm for M14		420bar	approx. 400-440mm	CL-AS52-KH
DN60+DN63	15mm for M14		210bar	approx. 410-450mm	CL-AS52-KK
DN76	15mm for M14		100bar	approx. 410-450mm	CL-AS52-KM
DN100	15mm for M15		50bar	approx. 410-500mm	CL-AS52-KP

* The retaining systems fit to the listed hose types, however only if the maximum operating pressure according to the table is obeyed!

** The last two letters of the ident number are imprinted as a code letter on the CE marking plate of each retaining system.

*** Attention: the types AS51-2L are constructed as a 5mm SINGLE cable with two brackets and NOT according to the picture above!

Subject to change without prior notification and errors excepted. Our general terms and conditions apply exclusively. Reproduction of any kind is prohibited.