



FLUID TRANSFER TECHNOLOGY

HOSE PROTECTION



HOSE CONTAINMENT GRIPS

DOUBLE EYE

APPLICATIONS

Hose containment grips are designed to prevent whipping of pressurised hose in the event of the hose separating from the fitting. The Chinese finger style design grips the hose in the unlikely event of separation which helps to prevent injury to operators or damage to nearby equipment.

FEATURES

- Two eye design ensures secure anchored connections
- The breaking load displayed in the table represents a strength of guarantee and safety

MATERIAL

Galvanised steel, stainless steel or aramid fibre.



GALVANISED HOSE CONTAINMENT GRIPS

#	#	Diameter	No. of plies	Diameter of wire rope	Breaking load
Length 400mm	Length 600mm	min - max		mm	kg
DHG01.400	DHG01.600	8 - 14	4 x 2	1.00	570
DHG02.400	DHG02.600	10 - 15	4 x 2	1.25	800
DHG03.400	DHG03.600	13 - 21	5 x 2	1.25	1000
DHG04.400	DHG04.600	15 - 20	5 x 2	1.50	1400
DHG05.400	DHG05.600	20 - 25	5 x 2	1.50	1400
DHG06.400	DHG06.600	17 - 31	5 x 2	1.50	1400
DHG07.400	DHG07.600	25 - 30	5 x 2	1.50	1800
DHG08.400	DHG08.600	25 - 30	6 x 2	1.75	2800
DHG09.400	DHG09.600	26 - 30	6 x 2	1.50	1800
DHG10.400	DHG10.600	30 - 40	6 x 2	1.75	2800
DHG11.400	DHG11.600	30 - 40	6 x 2	2.00	3900
DHG12.400	DHG12.600	27 - 52	6 x 2	2.00	3900
DHG13.400	DHG13.600	40 - 50	6 x 2	2.00	3900
DHG14.400	DHG14.600	45 - 75	6 x 2	2.25	5700
DHG15.400	DHG15.600	50 - 60	6 x 2	2.00	4600
DHG16.400	DHG16.600	50 - 60	7 x 2	2.25	5700
DHG17.400	DHG17.600	60 - 75	6 x 2	2.25	6800
DHG18.400	DHG18.600	72 - 110	8 x 2	2.25	8000
DHG19.400	DHG19.600	75 - 90	8 x 2	2.25	8000
DHG20.400	DHG20.600	90 - 115	8 x 2	2.25	8000



HOSE CONTAINMENT GRIPS

DOUBLE EYE

STAINLESS STEEL HOSE CONTAINMENT GRIP

#	#	Diameter	No. of plies	Diameter of wire rope	Breaking load
Length 400mm	Length 600mm	min - max		mm	kg
DHS01.400	DHS01.600	7 - 14	4 x 2	1.00	670
DHS02.400	DHS02.600	10 - 15	5 x 2	1.25	1200
DHS03.400	DHS03.600	13 - 21	5 x 2	1.25	1200
DHS04.400	DHS04.600	15 - 20	5 x 2	1.50	1600
DHS05.400	DHS05.600	20 - 25	5 x 2	1.50	1600
DHS06.400	DHS06.600	17 - 31	5 x 2	1.50	1600
DHS07.400	DHS07.600	25 - 30	6 x 2	1.50	2500
DHS08.400	DHS08.600	25 - 30	6 x 2	1.75	3400
DHS09.400	DHS09.600	20 - 36	6 x 2	1.50	2500
DHS10.400	DHS10.600	30 - 40	6 x 2	1.75	3400
DHS11.400	DHS11.600	27 - 52	6 x 2	2.00	4600
DHS12.400	DHS12.600	40 - 50	6 x 2	2.00	4600
DHS13.400	DHS13.600	45 - 70	6 x 2	2.25	6800
DHS14.400	DHS14.600	50 - 60	7 x 2	2.00	5700
DHS15.400	DHS15.600	60 - 75	7 x 2	2.25	7800
DHS16.400	DHS16.600	72 - 110	8 x 2	2.25	9100
DHS17.400	DHS17.600	75 - 90	8 x 2	2.25	9100
DHS18.400	DHS18.600	90 - 115	8 x 2	2.25	9100

ARAMID FIBRE HOSE CONTAINMENT GRIPS

#	Diameter	Length	No. of plies	Diameter of aramid fibre	Breaking load
	min - max	mm		mm	kg
2DA01	6-9	400.0	8 x 1	1.50	1000
2DA02	10-15	400.0	4 x 2	1.50	1650
2DA03	14-25	500.0	4 x 2	1.75	2500
2DA04	20-30	600.0	6 x 2	1.50	2900
2DA05	25-35	600.0	6 x 2	1.75	4000
2DA06	30-40	700.0	6 x 2	1.75	4000
2DA07	40-50	700.0	6 x 2	2.00	5500
2DA08	50-60	800.0	6 x 2	2.25	7500
2DA09	60-75	800.0	8 x 2	2.25	10000
2DA10	75-90	800.0	8 x 2	2.25	10000



ABDEXSLEEVE TEXTILE PROTECTIVE SLEEVE

ABDEXSLEEVE is revolutionary textile sleeve engineered and developed to provide superior levels of external protection for hoses and electrical cables. The manufacturing process uses de-aerated nylon fibre and compact weave technology, providing a strong light and easy to install sleeve with outstanding performance.

ABDEXSLEEVE has been tested and approved to international standards and can be used to prevent injury from failed hoses or cables, contain oil leaks and ensure excellent abrasion resistance in difficult operating conditions.



ABRASION RESISTANCE

ABDEXSLEEVE uses compact woven fibres, that have been carefully designed to deliver high mechanical strength and resist the most severe external abrasion conditions.

ABDEXSLEEVE fibres have a tensile strength superior to any other similar product and have successfully passed the abrasion test according to ISO 6945. It is due to ABDEXSLEEVE's superior technology, that it is possible to obtain a product with a thinner wall thickness, which results in a sleeve lighter, more flexible and easier to fit.

PRESSURE RESISTANCE

ABDEXSLEEVE offers an effective safety barrier by retaining oil spills should damage or malfunction occur on flexible hoses during service. Tests conforming to SAE J 343, have shown an oil retention capability 7 times better than any other similar product. (The sleeve holds 8 bar pressure for 15 seconds).

FIRE RESISTANCE

ABDEXSLEEVE textile fibres provide excellent flame propagation resistance, enabling ABDEXSLEEVE to withstand and pass severe flammability tests as conducted by MSHA (USA) and RAPRA (UK).

ELECTRICAL CONDUCTIVITY

When assembled on a flexible hose, ABDEXSLEEVE assures electrical conductivity values between 3 and 5 x 106 Ohm / metre, a value that meets and exceeds ISO 8031 standard.

WORKING TEMPERATURE

+100°C (+212°F) with peaks up to +130°C (+266°F).

ABDEXSLEEVE

#	Flat I.D	Round I.D	Coil length
	mm	mm	m
AS-17	27.0	17.0	50.0
AS-20	31.0	20.0	50.0
AS-23	36.0	23.0	50.0
AS-25	39.0	25.0	50.0
AS-27	42.0	27.0	50.0
AS-31	49.0	31.0	50.0
AS-33	52.0	33.0	50.0
AS-36	54.0	36.0	50.0
AS-40	63.0	40.0	50.0
AS-44	69.0	44.0	50.0
AS-47	74.0	47.0	50.0
AS-53	83.0	53.0	50.0
AS-55	86.0	55.0	50.0
AS-60	94.0	60.0	50.0
AS-66	104.0	66.0	50.0
AS-73	115.0	73.0	50.0
AS-93	145.0	93.0	50.0
AS-112	175.0	112.0	50.0
AS-127	202.0	127.0	50.0

ABDEXSLEEVE

TEXTILE PROTECTIVE SLEEVE

ABDEXWRAP TEXTILE WRAPPING SLEEVE, RESISTANT TO OIL SPILLS, ABRASION & HIGH TEMPERATURES

ABDEXWRAP is the ideal solution when it is necessary to protect more than one hose or electric cables already in place or to replace old or damaged protective sleeves.

The simple locking system, made of high pressure resistant VCO (VELCRO) enables a tubular protection, that is easy to assemble, and can be fitted in various lengths. (Special version available with eyelets).

Manufactured in fibreglass and coated with silicone rubber, ABDEXWRAP functions in very critical conditions, with particular regard to very high temperatures, where it provides excellent protection up to +200C°(+392°F).



ABDEXWRAP

#	Diameter	Coil length
	mm	m
AW-50	50.0	50.0
AW-75	75.0	50.0
AW-100	100.0	50.0
AW-125	125.0	50.0
AW-150	150.0	50.0
AW-175	175.0	50.0
AW-200	200.0	50.0

ABDEXSTRIP SELF LOCKING TEXTILE BELTS TO BUNDLE OR HANG MULTIPLE HOSES OR CABLES

ABDEXSTRIP is the ideal solution when it is necessary to firmly fix a group of hoses or cables by a strong self locking textile strip, and / or provide a secure means of attachment to a machine.

ABDEXSTRIP has stainless steel AISI 316 locking rings, designed for heavy duty industrial applications and is manufactured with the same materials utilized for the textile sleeve ABDEXSLEEVE.



ABDEXSTRIP

#	#	Approx. diameter of bundle	Circumference
Without eyelet	With eyelet	mm	mm
AST-31	AST-31-E	31-33	102.0
AST-47	AST-47-E	47-49	152.0
AST-63	AST-63-E	63-67	203.0
AST-79	AST-79-E	79-83	254.0
AST-95	AST-95-E	95-99	305.0
AST-111	AST-111-E	111-115	356.0
AST-127	AST-127-E	127-131	406.0
AST-144	AST-144-E	144-148	457.0
AST-160	AST-160-E	160-164	508.0
AST-176	AST-176-E	176-180	560.0
AST-192	AST-192-E	192-196	610.0
AST-208	AST-208-E	208-212	660.0



PLASTIC ABDEXGUARD HOSE PROTECTION

APPLICATIONS

ABDEXGUARD is suitable for the protection of most types of hydraulic, pneumatic and industrial hose assemblies across a wide range of industries. It has excellent recovery memory to maximise the hose coverage and exceptional anti-crushing performance. It maintains a high abrasion resistance, it's been proven in arduous conditions and has a good resistance to UV rays. Abdexguard is suitable for wrapping single hose or multiple hose bundles and comes conveniently packed in cartons for easy storage.

FEATURES

- High Abrasion resistance
- Resistant to UV rays
- Exceptional anti-crushing performance

MATERIAL

HDPE – High density polyethylene

TEMPERATURE RANGE

-65°C up to +90°C, max 100°C.

#	Compatible hose diameter (A)	Pitch length (B)	Wall thickness (C)	Wrapping range
	mm	mm	mm	mm
AG-12	9.0	9.0	1.9	9 - 13
AG-16	13.0	13.0	1.9	13 - 18
AG-20	16.0	16.0	2.0	16 - 26
AG-25	21.0	21.0	2.0	22 - 28
AG-32	27.0	27.0	3.1	27 - 44
AG-40	33.0	33.0	3.1	33 - 44
AG-50	44.0	44.0	3.9	44 - 70
AG-75	65.0	65.0	4.9	65 - 90
AG-90	80.0	80.0	5.9	80 - 200



Black as standard - other colours available upon request.

A = Overall width
B = Compatible hose diameter
C = Wall thickness

ABDEXCOVER

HOSE PROTECTION



APPLICATIONS





To gain extra protection for HP and UHP hose assemblies the use of an additional cover is recommended, the PVC hose with plastic helix reinforcement offers a lightweight and affordable option to protect against abrasion and rough handling whilst maintaining the flexibility.

FEATURES

- Light weight
- Plastic helix reinforcement
- High flexibility

MATERIAL

PVC with plastic helix.

#	 mm	 bar	 mm	 kg
AC-19	19.0	5	85.0	0.28
AC-25	25.0	5	105.0	0.29
AC-32	32.0	5	125.0	0.37
AC-38	38.0	5	150.0	0.48



SPRING GUARD ANTI-KINK PROTECTION

APPLICATIONS

The spring guard is designed specifically for our 700 bar hose range. The stepped size avoids the spring from being over assembled onto the ferrule and the close fit allows for the best anti-kink protection of the hose.

FEATURES

- Stepped construction
- Excellent anti-kink protection

MATERIAL

Steel.



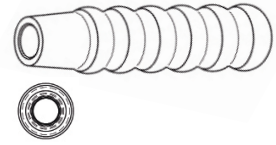
700 BAR HAND GUARDS

HOSE PROTECTION



APPLICATIONS

The 700 bar hand guard is designed to push over the ferrule of a 700 bar hose assembly, the dual purpose is to provide a grip to hold the assembly and to also act as a bend restrictor to avoid over kinking.



FEATURES

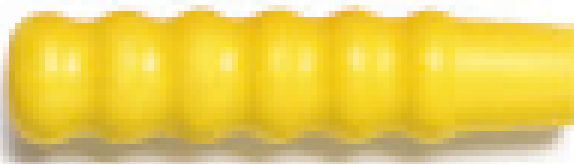
- Moulded shape for easy grip
- Multi-colour options available

MATERIAL

Flexible PVC.

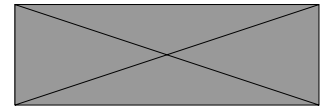
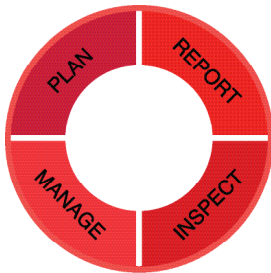
PART NUMBERS

Black: HG8X-04
Blue: HG8X-04-BLU
Red: HG8X-04-RED
Yellow: HG8X-04-YEL



A-TRACK ASSET MANAGEMENT ASSET TAGGING & SOFTWARE

A-Track



- Easy to use software giving transparent overview to all assets
- Immediate online test data / certificates are available realtime or within minutes of the test being carried out at Abdex
- Detailed information and reports on every asset allowing fast identification and replacement when necessary
- Manage and plan inspections with automated reminders which are set according to the asset lifecycle

RFID micro-chips, Metal etched tags and labels



- Easy to read etched tags and PVC labels - proven against abrasion
- Duraband low profile micro-chips 1/2" to 24" diameter - Low profile and proven in the harshest applications
- A-Track unique assets - Every asset is different and all asset information is backed up and stored on the software

Detailed hose data and planned maintenance



- Full asset / hose assembly data is recorded at point of supply / manufacture and during maintenance surveys
- Easy to read dash board showing summary reports of the asset specification, planned maintenance schedules with any attached documentation as required
- Planned maintenance schedules can be set up, monitored and changed accordingly
- Free mobile app to allow customers to identify and view all of their asset / hose information straight to your phone or pad
- Bluetooth easy readers IP67 - Value for money and fast set up with no drivers, software or programming
- Offshore and mining approved hand held IP64 reads - Designed, manufactured and proven to work in the toughest environments

Peace of mind and saving money



- **Scan it!** Scan the barcode of any tag and quickly find your record in the Abdex database
- **Order it!** With exact replacement details provided Abdex will arrange delivery of replacement parts
- **Get it!** Abdex gives the operator peace of mind to keep production running
- **Manage it!** Full transparency and datalogs can be easily managed and kept up to date

DON'T RISK YOUR ASSETS, MANAGE THEM!