

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 0 hm / 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 mm	Round I.D mm	Coil length 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.

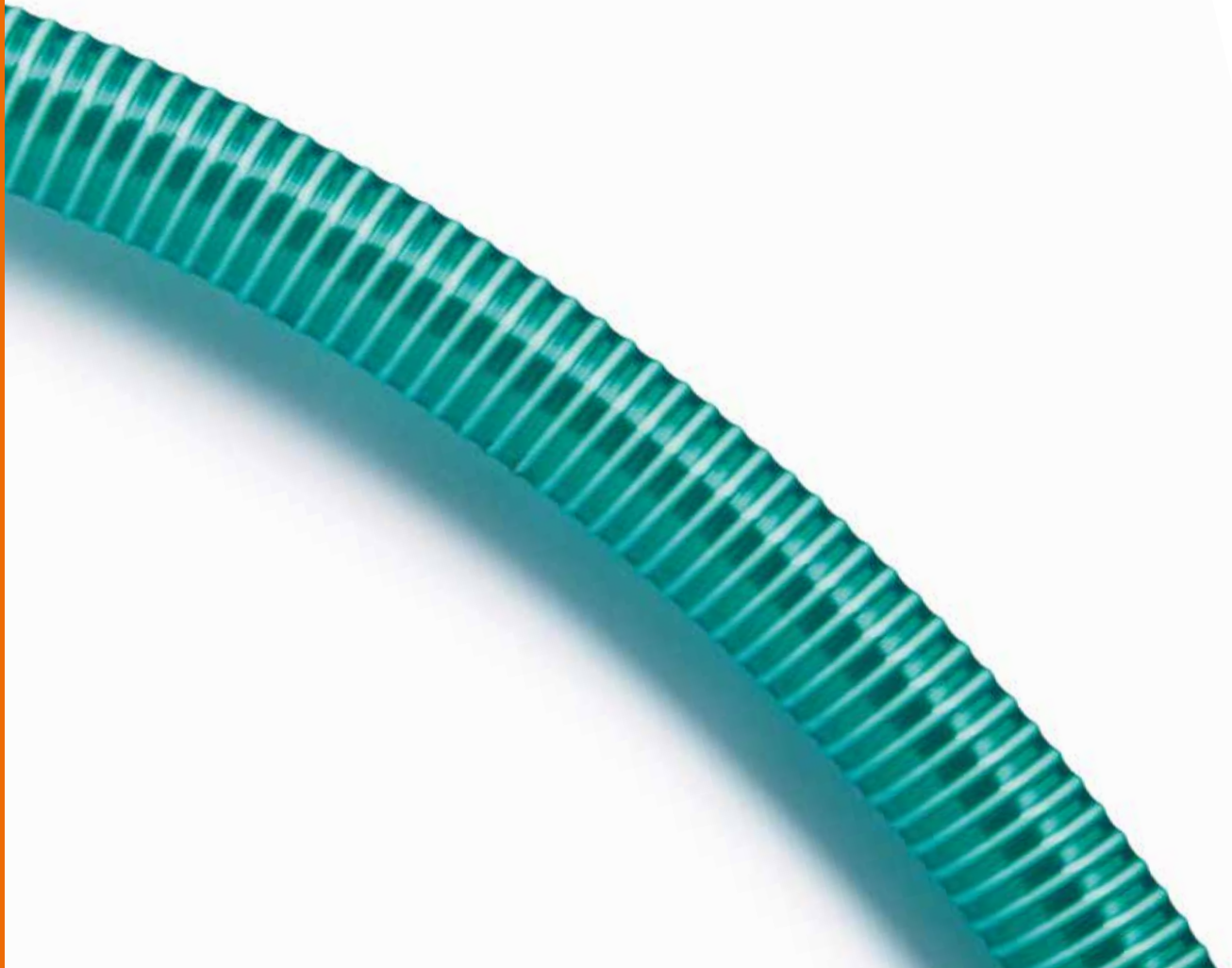
FEATURES

- 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



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

