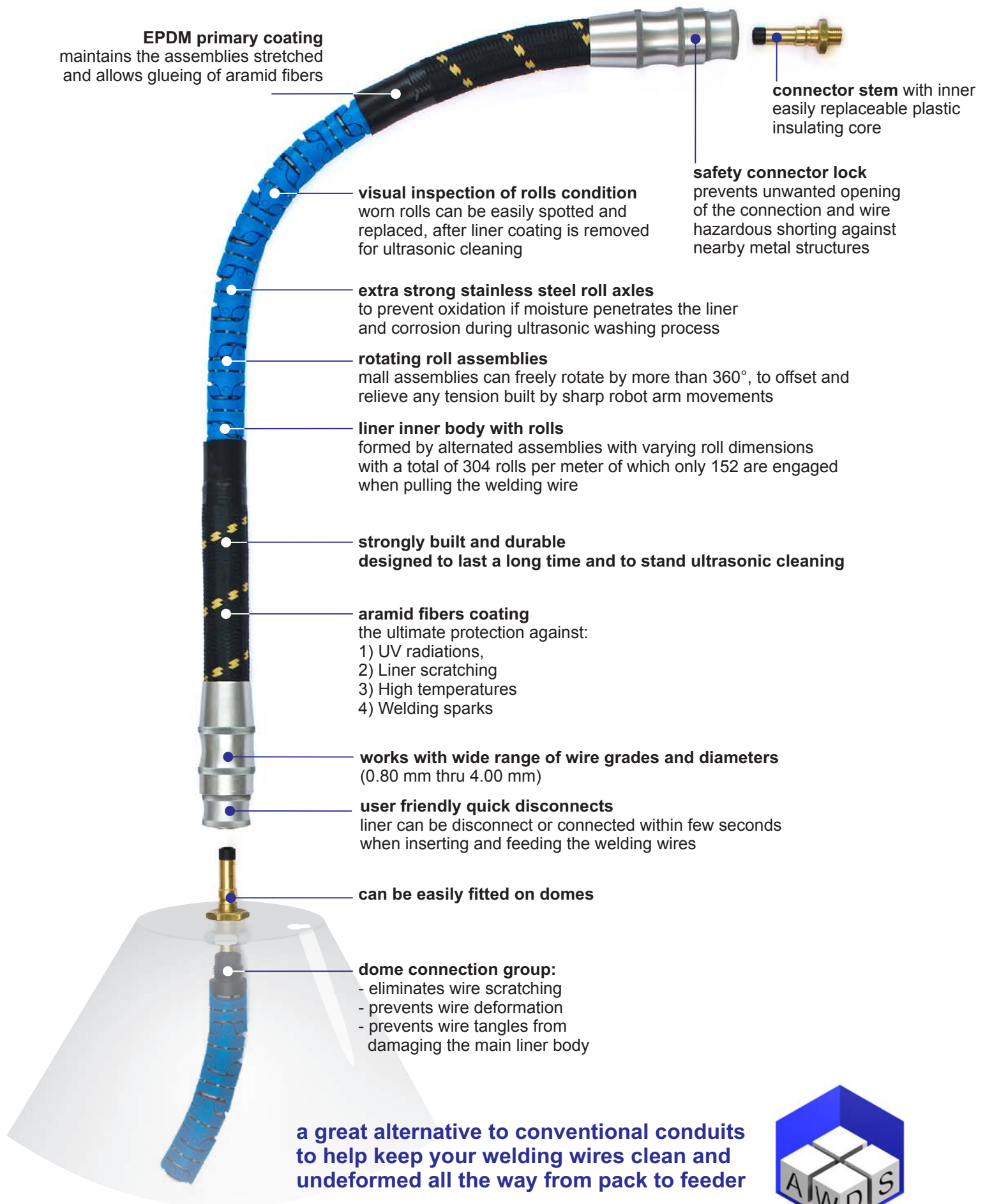


MAXIGLIDE HD

It has taken years of tests and improvements to develop this highly efficient and smooth performing liner with rolls: **now it is yours to make your life easier and boost your productivity**



EPDM primary coating
maintains the assemblies stretched and allows gluing of aramid fibers

connector stem with inner easily replaceable plastic insulating core

visual inspection of rolls condition
worn rolls can be easily spotted and replaced, after liner coating is removed for ultrasonic cleaning

safety connector lock
prevents unwanted opening of the connection and wire hazardous shorting against nearby metal structures

extra strong stainless steel roll axles
to prevent oxidation if moisture penetrates the liner and corrosion during ultrasonic washing process

rotating roll assemblies
small assemblies can freely rotate by more than 360°, to offset and relieve any tension built by sharp robot arm movements

liner inner body with rolls
formed by alternated assemblies with varying roll dimensions with a total of 304 rolls per meter of which only 152 are engaged when pulling the welding wire

strongly built and durable
designed to last a long time and to stand ultrasonic cleaning

aramid fibers coating
the ultimate protection against:
1) UV radiations,
2) Liner scratching
3) High temperatures
4) Welding sparks

works with wide range of wire grades and diameters
(0.80 mm thru 4.00 mm)

user friendly quick disconnects
liner can be disconnect or connected within few seconds when inserting and feeding the welding wires

can be easily fitted on domes

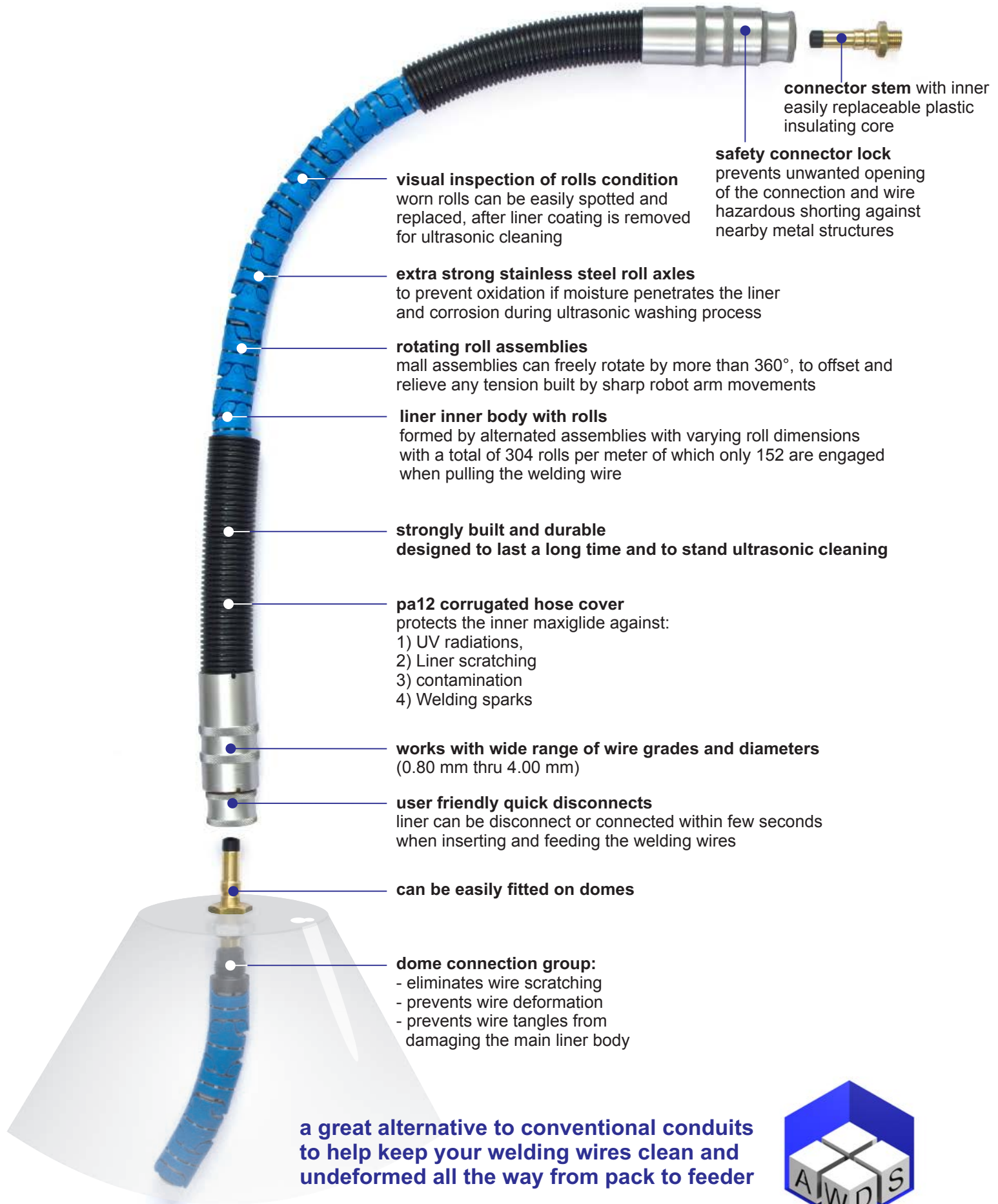
dome connection group:
- eliminates wire scratching
- prevents wire deformation
- prevents wire tangles from damaging the main liner body

a great alternative to conventional conduits to help keep your welding wires clean and undeformed all the way from pack to feeder



MAXIGLIDE PA12

It has taken years of tests and improvements to develop this highly efficient and smooth performing liner with rolls: **now it is yours to make your life easier and boost your productivity**



connector stem with inner easily replaceable plastic insulating core

safety connector lock prevents unwanted opening of the connection and wire hazardous shorting against nearby metal structures

visual inspection of rolls condition
worn rolls can be easily spotted and replaced, after liner coating is removed for ultrasonic cleaning

extra strong stainless steel roll axles
to prevent oxidation if moisture penetrates the liner and corrosion during ultrasonic washing process

rotating roll assemblies
roll assemblies can freely rotate by more than 360°, to offset and relieve any tension built by sharp robot arm movements

liner inner body with rolls
formed by alternated assemblies with varying roll dimensions with a total of 304 rolls per meter of which only 152 are engaged when pulling the welding wire

strongly built and durable
designed to last a long time and to stand ultrasonic cleaning

pa12 corrugated hose cover
protects the inner maxiglide against:
1) UV radiations,
2) Liner scratching
3) contamination
4) Welding sparks

works with wide range of wire grades and diameters
(0.80 mm thru 4.00 mm)

user friendly quick disconnects
liner can be disconnect or connected within few seconds when inserting and feeding the welding wires

can be easily fitted on domes

dome connection group:
- eliminates wire scratching
- prevents wire deformation
- prevents wire tangles from damaging the main liner body

a great alternative to conventional conduits to help keep your welding wires clean and undeformed all the way from pack to feeder





MAXIGLIDE by AWDS-Technologies the ultimate wire feeding conduit

rubber molded cushions:
help maintain the roll assemblies dynamically stretched for a more accurate and reliable wire feeding

visual access to the pulling rolls:
these rolls can be visually inspected and maintained, as necessary:
- replaced, if worn out and damaged, or
- ultrasonic washed and cleaned, if dirty.

special patented construction:
enables all roll assemblies to freely rotate and allows the dynamic mechanical relief of any tension built on conduit by robot or manual sharp movements.

PULLING ROLL ASSEMBLY:
these rolls are only engaged while the wire is being pulled through the conduit.
Spacing between rolls: 5.20mm (0.204")

Wire diameter range allowed:
min 0.80 mm (0.030")
max 2.40 mm (3/32")

Smallest recommended
Curvature Radius **250 mm (10")**

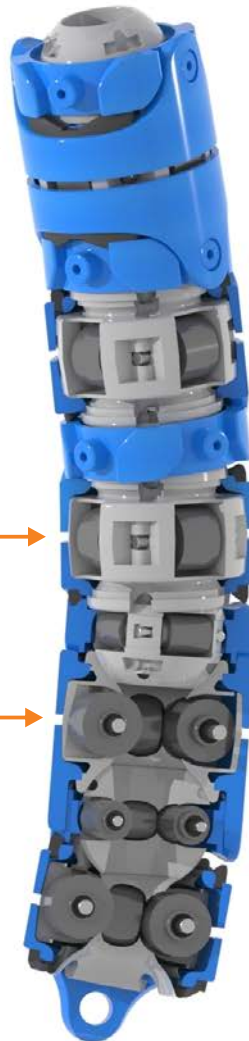


Guiding Roll Body with the junction support ring:
allows reliable connection of the parts and the full free rotation of the guiding roll assembly.



joint rings with female lock:
this combination allows the full free rotation of the roll carrying body; it also enables the use of the same connector at both ends

Thanks to this feature the wire can be fed in both directions



stainless steel roll axles:
to prevent rust even in the event of moisture penetrating the conduit or in case of ultrasonic washing

GUIDING ROLL ASSEMBLY:
these rolls are only engaged when the wire is being inserted. **Spacing between rolls: 6.00 mm (0.236")**

Dimensions and weights:
Bare uncoated: **OD 27mm (1.06")**
Weight: **0.46 Kg/mt (0.31 Lb/Ft)**

Aramid Coated: **OD 31mm (1.22")**
Weight: **0.54 Kg/mt (0.36 Lb/Ft)**

Warning: AWDS-Technologies recommends to carefully read the instructions prior to inserting wire into conduit