

Raising standards of cleanliness in food and beverage

Type SAMHL and SSAMHL - Anti-microbial liquid tight conduit



Anti-microbial liquid tight high temperature covered steel flexible conduit. Suitable for indoor splash zone areas or food processing equipment



Features

- **Type SAMHL** - Galvanized steel core string packed with Anti-microbial protection incorporated into a FDA, EC and FSA compliant DuPont Hytrel® thermoplastic jacket
- **Type SSAMHL** - Stainless steel string with Anti-microbial protection incorporated into a FDA, EC and FSA compliant DuPont Hytrel® thermoplastic jacket
- IP40 - IP69 rated
- Temperature range up to -50°C to +130°C
- Approvals: CE, BS EN 61386-1,-23, NSF 14159-1-2014 & NSF 169-2009.

Approvals



Type SAMHL Conformity

Low voltage directive
NSF14159-1-2014
NSF169-2009
BSI Kitemark KM35161

Type SSAMHL Conformity

Low voltage directive
NSF14159-1-2014
NSF169-2009
BSI Kitemark KM35161

IP Rating

IP Rating	Appropriate Fitting
For use with: Type SAM fitting	
IP40	Yes
IP65	Yes
IP68	Yes (10 bar 30mins)
IP69	Yes

Degree of Mechanical Protection

High corrosion resistance
High fatigue life
High chemical resistance
High flexibility

Fire Performance

Test Standard	Performance Rating
IEC61386-1	Self Extinguishing

Temperature Range

Static Applications:
-50°C to +130°C
Moving Applications:
-5°C to +150°C

Material

Galvanised steel core with string packing (string packed up to 32mm)
Stainless steel core with string packing (up to 32mm), larger sizes double interlocked
FDA, EC and FSA compliant DuPont Hytrel® thermoplastic jacket
Anti-microbial additive incorporated into Hytrel® jacket

METRIC Part no:	NPT Part no:	Conduit Size		Dimensions			Coil lengths (m)	Coil lengths (m) (SSAMHL)	Coil lengths (ft) (SSAMHL)
		Metric (mm)	US (NPT)	Outside Diameter (A)	Inside Diameter (B)	Bend Radius (C)			
SAMHL16	SSAMHL16	16	3/8"	17.8mm	12.5mm	50mm	10 / 25 / 50	10 / 25	100
SAMHL20	SSAMHL20	20	1/2"	21.1mm	15.9mm	80mm	10 / 25 / 50	10 / 25	100
SAMHL25	SSAMHL25	25	3/4"	26.4mm	21.0mm	110mm	10 / 25 / 50	10 / 25	100
SAMHL32	SSAMHL32	32	1"	33.1mm	26.7mm	144mm	10 / 25 / 50	10 / 25	100
SAMHL40	SSAMHL40	40	1 1/4"	41.8mm	35.4mm	180mm	10 / 25	10	50
SAMHL50	SSAMHL50	50	1 1/2"	47.5mm	40.4mm	240mm	10 / 25	10	50
SAMHL63	SSAMHL63	63	2"	59.7mm	51.6mm	345mm	10 / 25	10	50

Part number example SAMHL20/50M.

Part number example SSAMHL20/100ft.

For conduit supports use part number example SSPC20.

NOTE: Conduit is fully cleanable and will maintain full ingress protection under normal wet cleaning conditions with associated fittings.