

## TECHNICAL DATA SHEET

# HotWorks Lanyards



### SpanSet Australia Ltd

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**Webbing**

Heat resistant 44mm Kevlar/Nomex webbing

Heat set for lower friction co-efficient = longer wear

Light (UV) degradation certified to AS/NZS1891.1

Minimum tensile strength 30kN

Lay flat – non-roping

**Webbing Treatment**

Non hazardous according to NOHSC/ASCC (formerly Worksafe Australia) and Annex 1 EU DIR 67/548/EEC

Is not self igniting and does not present an explosion hazard

Not defined as a dangerous good by the Australian Code for Transport of Dangerous Goods

**Tear Webbing  
Energy Absorber**

Polyester dual action

Clear heat shrink for ease of inspection

Stitch patterns conspicuous for verification

Activates between 2kN and 6kN

Fitted with back up strap

**Sewing**

High tensile polyester light fast, UV resistant thread

Load bearing seams sewn with high density, multi bar tack patterns for extra wear and ease of inspection

Load bearing seams sewn on computerised lock stitch machines for consistency and security

Contrasting color for ease of inspection and compliance to AS/NZS1891.1

Non load bearing patterns – (labels, web end fold backs, decorative etc) - flat manual sews

All finished with overstitching

**Labels**

UV resistant PVC underneath heat shrink

Thermal transfer printing

**Testing**

5 stage inspection process during manufacture

100 % visual inspection

Type tested to dynamic 3.8m @100kg and 140kg drop test,

Type tested 15kN static tensile strength, held for 3 minutes to AS/NZS 1891.1-2007

<b>Fall Clearance Allowances</b>	Length of lanyard = 1800mm	Fall Distance	Energy Absorber Extension
	Height of operator = 1800mm	600mm	300mm
	Residual clearance = 1000mm	1000mm	500mm
	<b>Sub-total = 4600mm</b>	1500mm	600mm
	<b>Plus the following values:</b>	2000mm	900mm

## Assembly Descriptions and Weights

Code	Type	Material	Length	Fitting at Shock Absorber	Fitting at Free End	Weight	Capacity (kg)	Certification
<b>3053 HotWorks</b>	Single Leg	Heraclon/Meta Aramid	1.8m	H1 Snap Hook	H1 Snap Hook	1125g	100	AS/NZS 1891.1
<b>3055 HotWorks</b>	Single Leg	Heraclon/Meta Aramid	1.8m	H1 Snap Hook	H3 Scaffold Hook	1315g	100	AS/NZS 1891.1
<b>3058 HotWorks</b>	Twin Leg	Heraclon/Meta Aramid	1.8m	H1 Snap Hook	H3 Scaffold Hooks	2085g	100	AS/NZS 1891.1

3053 WW K4



3055 ENT



3201



## Fitting Specifications

Code	Description	Gate Type	Gate Opening	Strength	Gate Strength	Material	Weight
<b>H1</b>	Snap Hook	Double Action	21mm	25kN	≥1kN	Carbon Steel	280g
<b>H3</b>	Scaffold Hook	Double Action	51mm	25kN	≥1kN	Alloy Steel	415g

H1



H3



## Training Courses Available

### Work Safely at Heights

RIIOHS204A

### Work Safely on Roofs

CPCCCM2035A

### Work Safely at Heights

CPCCCM2010A

### Competent Person Practical Inspection and Record Keeping\*

MEM15004B

RSO – PUAOHS001B

– PUASAR022A

### Tower and Pole Top Rescue\*

PUAOHS001B

PUASAR001A

PUASAR004A

### Vertical Rescue\*

PUAOHS001B

PUASAR022A

PUASAR032A

### Enter Confined Space\*

MSAPMPER205B

MSAPMPER200B

### Breathing Apparatus\*

MSAPMOHS216A

### Confined Space Vertical Rescue\*

PUAOHS001B

PUASAR001A

PUASAR004A

### Confined Space Refresher\*

MSAPMPER205C

MSAPMPER200C

### Wind Access Rescue Technician\*

PUAOHS001B

PUASAR022A



## SpanSet Accreditations

Certified manufacturer to AS/NZS 1891.1  
“Industrial Fall Arrest Systems and Devices”

Certified manufacturer to AS/NZS 1353.1  
“Flat Synthetic Webbing Slings”

Certified manufacturer to AS/NZS 4497.1  
“Round Slings—Synthetic Fibre”



Certified to ISO 9001: 2008  
Quality Systems



Quality  
ISO 9001

Accredited laboratory tested by NATA  
to ISO/IEC 17025.



WORLD RECOGNISED  
ACCREDITATION

## Other Products Available

ABS ratchet systems

Supra Plus round slings

secutex® edge protection

Web dog chain tensioners

Round slings up to 250 tonne

Flat slings up to 20 tonne

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