

TECHNICAL DATA SHEET

ERGOpus LANYARDS



SpanSet Australia Ltd

13 Pullman Place
Emu Plains
NSW 2750
Australia

Telephone

+61 2 4735 3955

Fax

+61 2 4735 3630

E-mail

sales@spanset.com.au

Internet

www.spanset.com.au

Webbing

Colorfast polyester high tensile webbing treated with Xtreme-guard protective coating
Heat set for lower friction co-efficient = longer wear
Light (UV) degradation certified to AS/NZS1891.1
Minimum tensile strength 30kN
Lay flat – non-ropeing

Webbing Treatment

Xtreme guard oil, water and dirt repellant
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 & 6kN
Fitted with back up strap

Rope

Kernmantle construction (inner core contained in an outer sheath)
Rescue standard to AS4142.3
Internal marker tape for traceability
Contrasting core and sheath for ease of inspection
MBS 30kN
All terminations sewn with polyester thread, heat shrunk and thimble eye

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

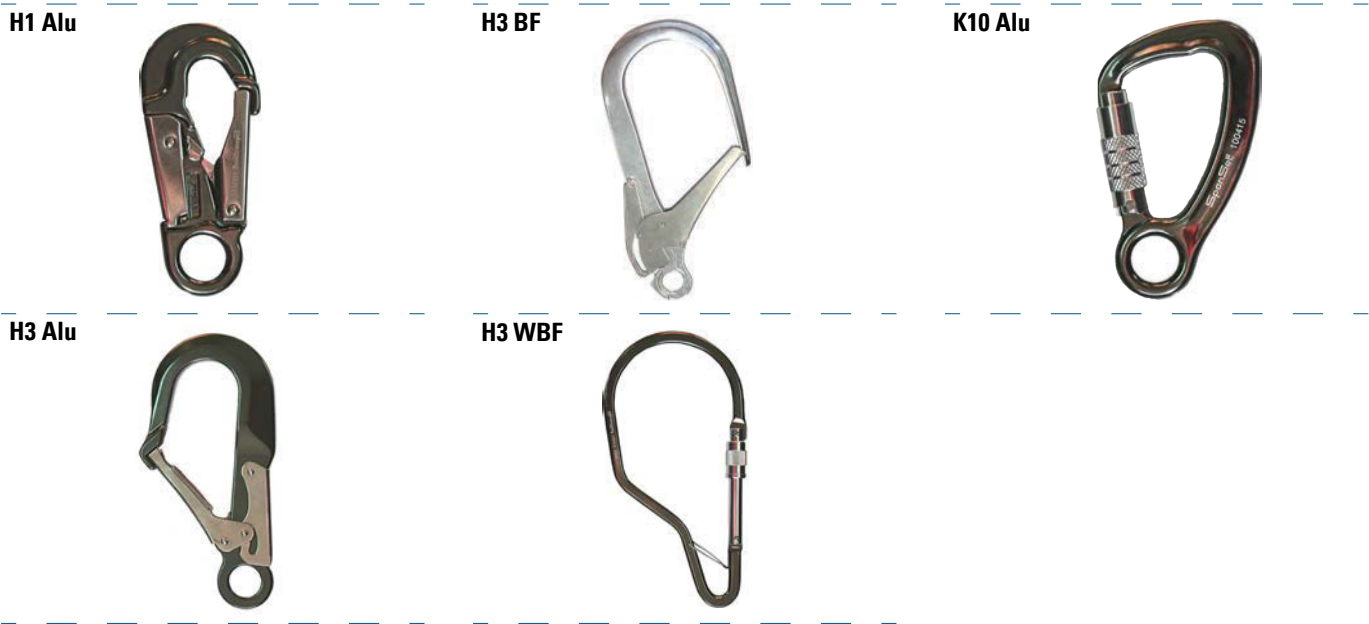
5 stage inspection process during manufacture
100 % visual inspection
Type tested to dynamic 3.8m @100kg and 140kg drop test,
Type tested 15kN static tensile strength, held for 3 minutes to AS/NZS 1891.1-2007

Fall Clearance Allowances

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

FITTING SPECIFICATIONS

Code	Description	Gate Type	Gate Opening (mm)	Strength (kN)	Material
H1 Alu	Safety Snap Hook	Double Action	23	25	Aluminium
H3 Alu	Safety Scaffold Hook	Double Action	60	25	Aluminium
H3 BF	Safety Jumbo Scaffold Hook	Double Action	110	25	Aluminium
H3 WBF	Safety Wire Scaffold Hook	Double Action	86	20	Aluminium
K10 Alu	Fixed Eye Karabiner	Triple Action	20	25	Aluminium



ASSEMBLY DESCRIPTIONS AND WEIGHTS

ERGOplus Webbing Lanyards

Code	Type	Material	Length (m)	Fitting at Shock Absorber	Fitting at Free End(s)	Weight (g)	Capacity (kg)	Certification
3053 ERGOplus	Single Leg	Webbing	1.80	H1Alu Snap Hook	H1Alu Snap Hook	785	140	AS/NZS 1891.1
3055 ERGOplus	Single Leg	Webbing	1.80	H1Alu Snap Hook	H1Alu Scaffold Hook	1131	140	AS/NZS 1891.1
3058 ERGOplus	Twin Leg	Webbing	1.80	H1Alu Snap Hook	H3Alu Scaffold Hook	1800	140	AS/NZS 1891.1
3053 A ERGOplus	Single leg adjustable	Webbing	1.80	H1Alu Snap Hook	H1Alu Snap Hook	910	140	AS/NZS 1891.1
3055 A ERGOplus	Single leg adjustable	Webbing	1.80	H1Alu Snap Hook	H3Alu Scaffold Hook	1256	140	AS/NZS 1891.1
3058 A ERGOplus	Twin leg adjustable	Webbing	1.80	H1Alu Snap Hook	H3Alu Scaffold Hook	2050	100	AS/NZS 1891.1

Ergo Elastic Lanyards

Code	Type	Material	Length (m)	Fitting at Shock Absorber	Fitting at Free End(s)	Weight (g)	Capacity (kg)	Certification
3053E ERGOplus	Single Leg	Webbing	1.4–1.8	H1Alu Snap Hook	H1Alu Snap Hook	785	140	AS/NZS 1891.1
3055E ERGOplus	Single Leg	Webbing	1.4–1.8	H1Alu Snap Hook	H3Alu Scaffold Hook	1131	140	AS/NZS 1891.1
3058E ERGOplus	Twin Leg	Webbing	1.4–1.8	H1Alu Snap Hook	H3Alu Scaffold Hook	1800	100	AS/NZS 1891.1
3053H K10 ERGOplus	Single leg	Webbing	1.4–1.8	K10Alu Karabiner	K10Alu Snap Hook	613	100	AS/NZS 1891.1
3058 BF ERGOplus	Twin leg	Webbing	1.4–1.8	H1Alu Snap Hook	H3BF Scaffold Hook	2712	100	AS/NZS 1891.1
3058 WBF ERGOplus	Twin leg	Webbing	1.4–1.8	H1Alu Snap Hook	H3WBF Scaffold Hook	1858	140	AS/NZS 1891.1

Ergo Rope Lanyards

Code	Type	Material	Length (m)	Fitting at Shock Absorber	Fitting at Free End(s)	Weight (g)	Capacity (kg)	Certification
3061 ERGOplus	Single Leg	Rope	1.8	H1Alu Snap Hook	H1Alu Snap Hook	900	140	AS/NZS 1891.1
3063 ERGOplus	Single Leg	Rope	1.8	H1Alu Snap Hook	H3Alu Scaffold Hook	1246	140	AS/NZS 1891.1
3068 ERGOplus	Twin Leg	Rope	1.8	H1Alu Snap Hook	H3Alu Scaffold Hook	2030	140	AS/NZS 1891.1
3061 A K10 ERGOplus	Single Leg Adjustable	Rope	1.8	K10Alu Karabiner	K10 Karabiner	1015	140	AS/NZS 1891.1
3063 A ERGOplus	Single Leg Adjustable	Rope	1.8	H1Alu Snap Hook	H3Alu Scaffold Hook	1661	140	AS/NZS 1891.1
3068 A ERGOplus	Twin Leg	Rope	1.8	H1Alu Snap Hook	H3Alu Scaffold Hook	2260	140	AS/NZS 1891.1

User weight limits (kg)—when used with SpanSet Lanyards and Lifelines below

Harness	305* series ERGO Lanyards	306* series ERGO Lanyards	TITAN series ERGO Lanyards	305* series ERGOplus Lanyards	306* series ERGOplus Lanyards	UB033 Inertia Reels	FAB* Inertia Reels	LW* Latchways Inertia Reels	3201 Retracting Lanyard
1100 ERGOplus	100	100	140	140	140	136	136	140	100
1104 ERGOplus	100	100	140	140	140	136	136	140	100
1107 ERGOplus	100	100	140	140	140	136	136	140	100
1600 ERGOplus	100	100	140	140	140	136	136	140	100
1600 NC ERGOplus	100	100	140	140	140	136	136	140	100
1800 ERGOplus	100	100	140	140	140	136	136	140	100
1100 ERGOplus Miners	100	100	140	140	140	136	136	140	100

Training Courses Available

- | | | |
|---|---|--|
| 1) Work Safely at Heights
RIIOHS204A | 5) Tower and Pole Rescue
PUAOHS001B
PUASAR001A
PUASAR004A | 8) Operate Breathing Apparatus
MSAPMOHS216A |
| 2) Work Safely on Roofs
CPCPCM2105A | 6) Vertical Rescue
PUAOHS001B
PUASAR001A
PUASAR004A | 9) Confined Space Vertical Rescue
PUAOHS001B
PUASAR001A
PUASAR004A |
| 3) Work Safely at Heights
CPCCCM1006A | 7) Enter Confined Space
MSAPMPER205B
MSAPMPER200B. | |
| 4) Competent Person Practical Inspection and Record Keeping
MEM15004B | | |



SpanSet Accreditations

Certified manufacturer to AS/NZS 1891.1
"Fall Arrest Equipment"

Certified manufacturer to AS/NZS 1353.1
"Flat Synthetic Webbing Slings"

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



Member Hire Industry
Association of Australia



Certified to ISO 9001
Quality Systems



Certified testing laboratory for
all of the above.

Certified to NATA National
Association of Testing Authorities



Other Products Available

ABS ratchet systems
Supra Plus round slings
Secutex edge protection
Web Dog Chain tensioners
Round slings to 10 tonne
Flat slings to 20 tonne

SpanSet
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Emu Plains NSW 2750

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