SpanSet®

01

Height Safety
Lifting
Load Control
Safety Management

ERGOPLUS LANYARDS RANGE

Technical Data Sheet

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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-roping
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

Length of lanyard =	1800mm
Height of operator =	1800mm
Residual clearance =	1000mm
Sub-total =	4600mm
Plus the following values:	

Fall Distance	**Energy Absorber Extension**
600mm	300mm
1000mm	500mm
1500mm	600mm
2000mm	900mm

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

H1 Alu

K10 Alu

H3BF

H3WBF

H3 Alu

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

ERGOplus 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

ERGOplus 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

ERGOplus 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

Height Safety

Working Safely at Height

Working Safely at Heights Refresher

Height Safety Supervisor*

Height Safety Manager*

Rescue

Rescue Systems Operator*

Vertical Rescue*

Tower and Pole Rescue*

Wind Access Rescue Technician*

EWP Emergency Escape

Gotcha Rescue

Confined Space

Confined Space*

Confined Space - Refresher*

Breathing Apparatus*

Confined Space Non-Entry Rescue*

Inspection

Competent Person Practical Inspection and Record Keeping*

* Nationally Recognised Training

SpanSet Accreditations

ISO 9001:2008 Certified Quality Management System

ISO 14001:2004 Certified Environment Management System

OHSAS 18001:2007 Certified Occupational Health and Safety Management Systems

Australian/New Zealand Standard 4801:2001 certified Occupational Health and Safety Management Systems

5 Tick Certified Product

Accredited Laboratory Tested by NATA to ISO/IEC 17025

ASQA Registered Training Organisation certified to ISO 9001:2008

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 Product™
SAI Global
Lic:
SMK40056
SMK40060
SMK40061
SMK40062

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Quality
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Australian Standard

NATA
WORLD RECOGNISED ACCREDITATION