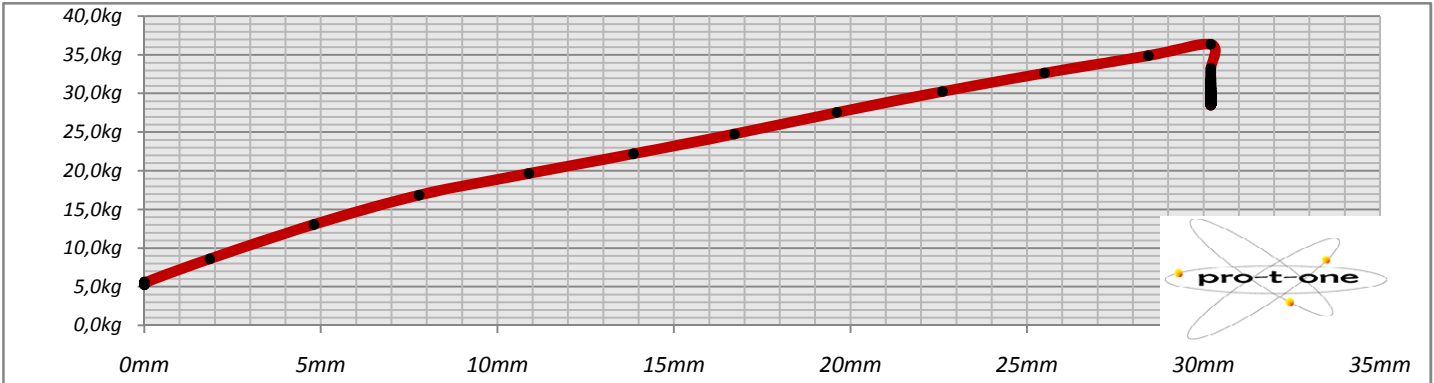
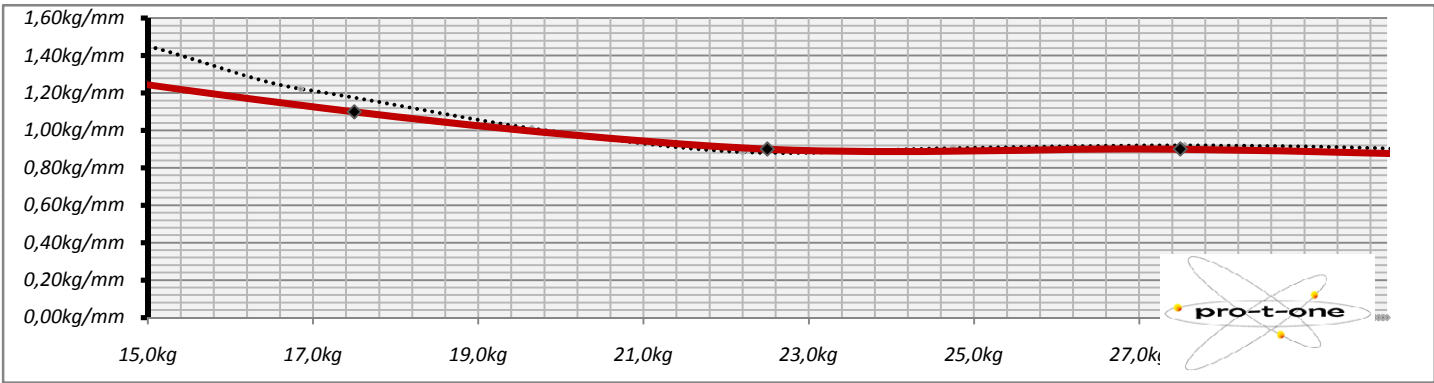


DEFORMATION - LOAD DIAGRAM



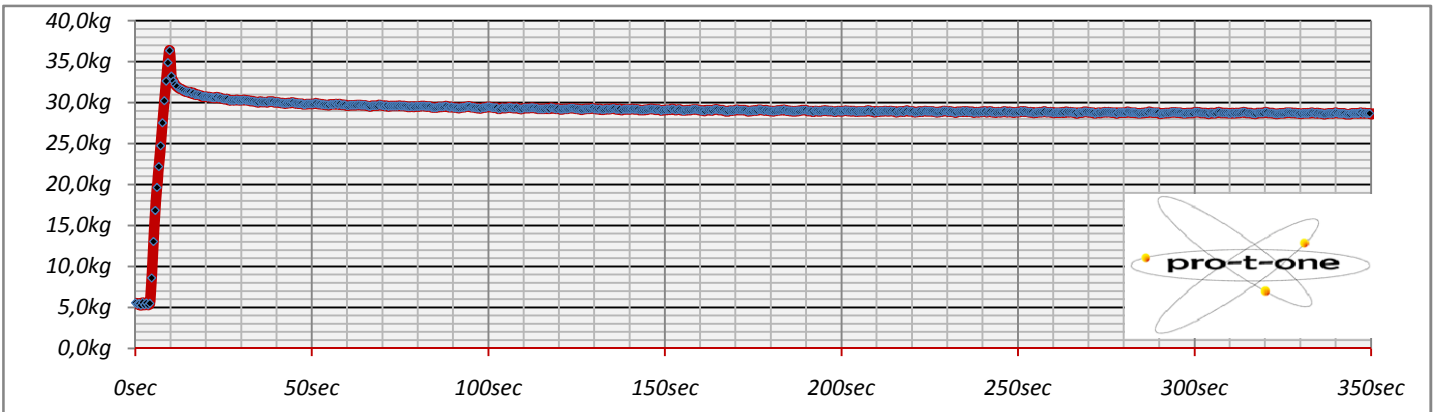
STRINGLAB ORBITOUR mono	124-128 mm	temp 25°C - relative humidity 65%	
		sample time	700-800ms
		starting length	300mm
static stiffness 10-15kg	1,40 kg/mm	static stiffness 20-25kg	0,90 kg/mm
static stiffness 15-20kg	1,10 kg/mm	static stiffness 25-30kg	0,90 kg/mm

STRING STATIC STIFFNESS MODULUS

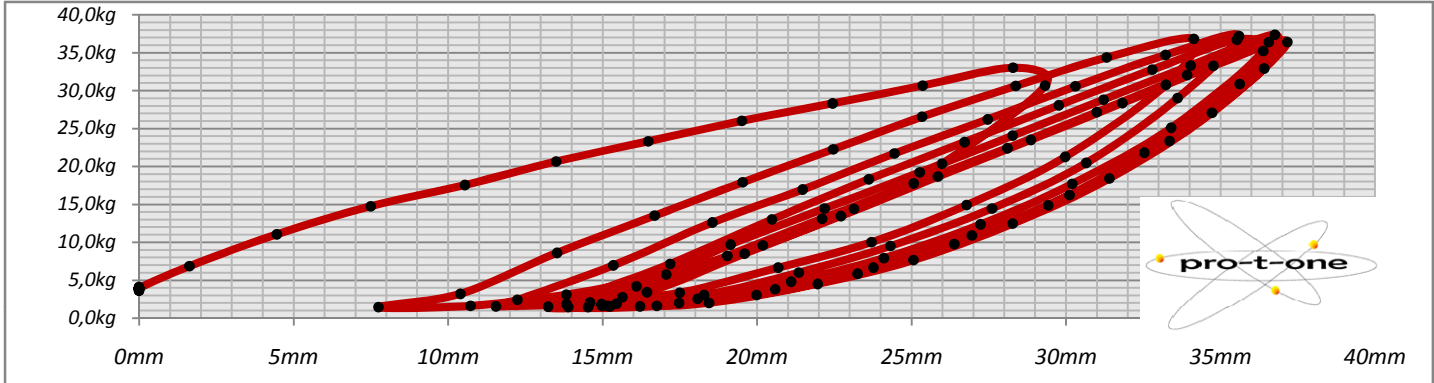


TENSION LOSS DIAGRAM

14,0%	7,0%	21,0%
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HYSTERESIS DIAGRAM - LOAD AND UNLOAD CYCLES



STRINGLAB

ORBITOUR

124-128 mm

mono

0,5

temp 25°C - relative humidity 65%



POWER LEVEL	540pt	9,0/10	power attitude	131,9kgmm
CONTROL LEVEL	850pt	10,0/10	control attitude 10	10,0/10 stiffness
SPIN POTENTIAL	3,0	9,0/10		9
DYN. STABILITY LEVEL	501pt	5,5/10	stability attitude-consistency	-0,5
TENSION LOSS INDEX 300	21%	8,5/10	tension loss after 300" - 5mins	0,5
PLAYING LIFE (tension-resilience)	172%	7,5/10	dyn str life	6 - hrs 12 - hrs (approx.)
MAX RESILIENCE RANGE	21kg	25kg	maximum resilience range	
RECOMMENDED TENSION	20kg	24kg		0 -1

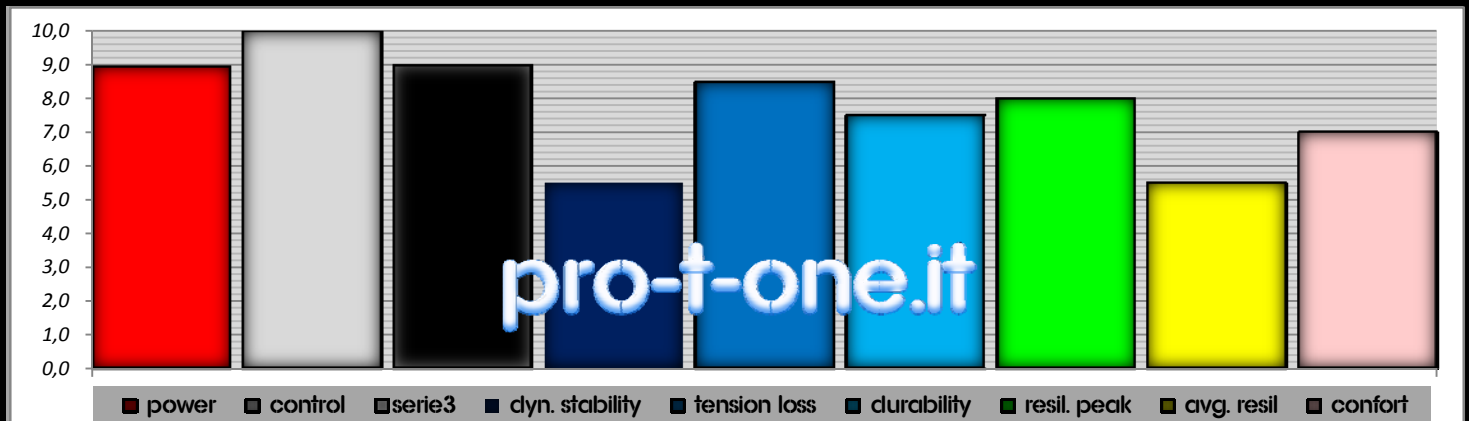
RESILIENCE PEAK	15kgmm	8,0/10	10kgmm 16kgmm reactivity:	high
AVERAGE ELASTICITY	42kgmm	5,5/10	vs gut	6-cycles 0
STRING PLANE STIFFNESS 22,5kg		5,5/10	new	
STRING PLANE STIFFNESS 27,5kg		10,0/10	new	

PRESTRETCH	YES	recommended %	10%	5%
PROGRESSIVE PLASTICIZATION - FEELING	YES	6,5/10	def. plast.	6,1mm 6,5kg
				30%

		kg/mm			kg/mm	
STATIC STIFFNESS 10-15kg	super tough	1,40	new	114%	→	1,60 used
STATIC STIFFNESS 15-20kg	tough	1,10	new	145%	→	1,60 used
STATIC STIFFNESS 20-25kg	medium-tough	0,90	new	172%	→	1,55 used
STATIC STIFFNESS 25-30kg	medium-tough	0,90	new	172%	→	1,55 used
STATIC STIFFNESS 30-35kg	medium-tough	0,85	new	176%	→	1,50 used

AVG. STATIC STIFFNESS 15-30	med-tough	1,00	kg/mm
			g/mm

DYNAMIC STIFFNESS	210	±5 g/mm	sample time 20ms	tension decay
	high	7,5/10	reference tension 20kg	
STRING STIFFNESS EMULATOR	210	±5 lb/inch	string legnth 325mm - deflection 10mm	
ARM PROT - CONFORT LEVEL	7,0/10	medium	7,1/10 6,6/10	



DEFORMATION --> elastic & plastic	23,7	
RESILIENCE avg. - elastic deformation	5,6	24%
DUCTILITY avg. plastic deformation	11,6	49%
PROGRESSIVE PLASTICIZATION II	6,5	27%

