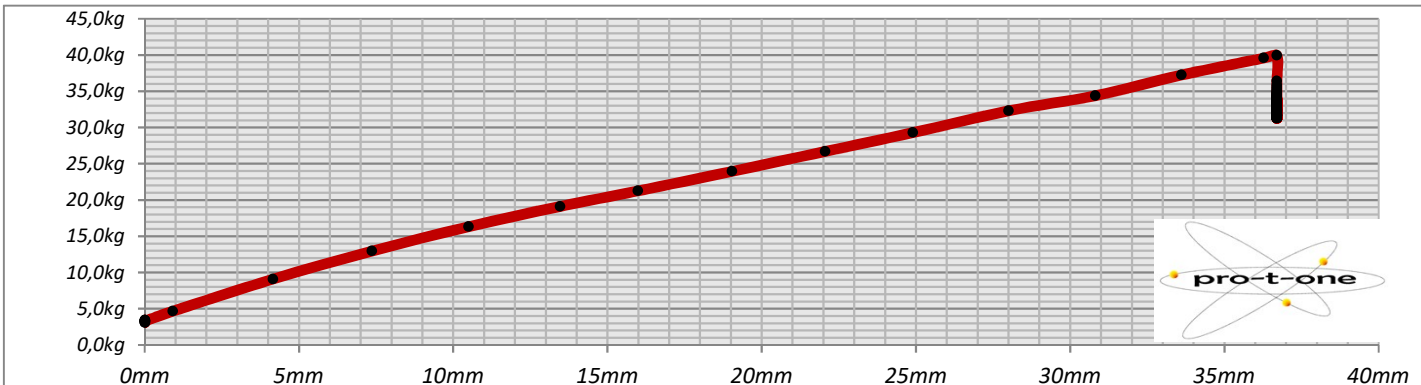
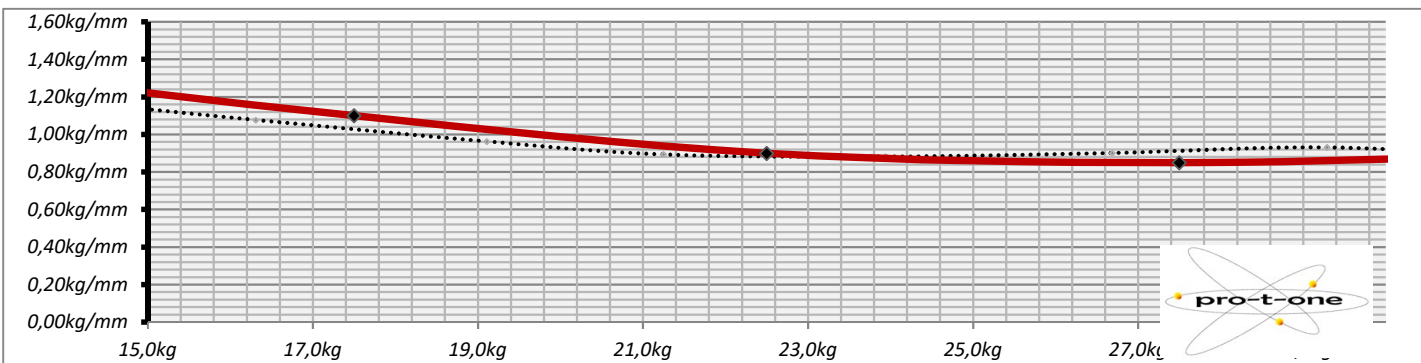


# DEFORMATION - LOAD DIAGRAM



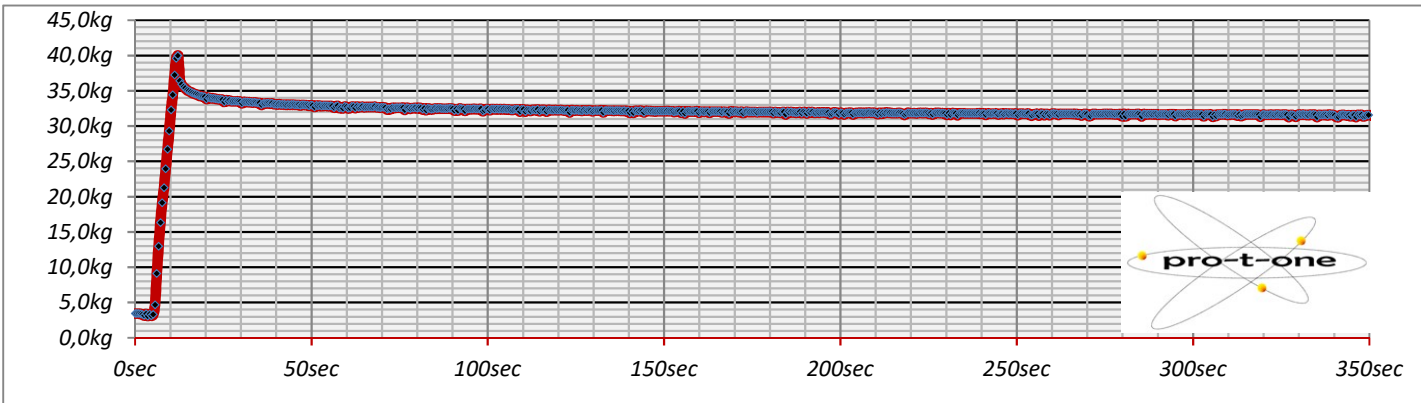
<b>KAMADO</b>		<b>1,25 mm</b>	temp 25°C - relative humidity 65%	
<b>original pro mono</b>			sample time	700-800ms
			starting length	300mm
static stiffness 10-15kg	1,35	kg/mm	static stiffness 20-25kg	0,90 kg/mm
static stiffness 15-20kg	1,10	kg/mm	static stiffness 25-30kg	0,85 kg/mm

# STRING STATIC STIFFNESS MODULUS

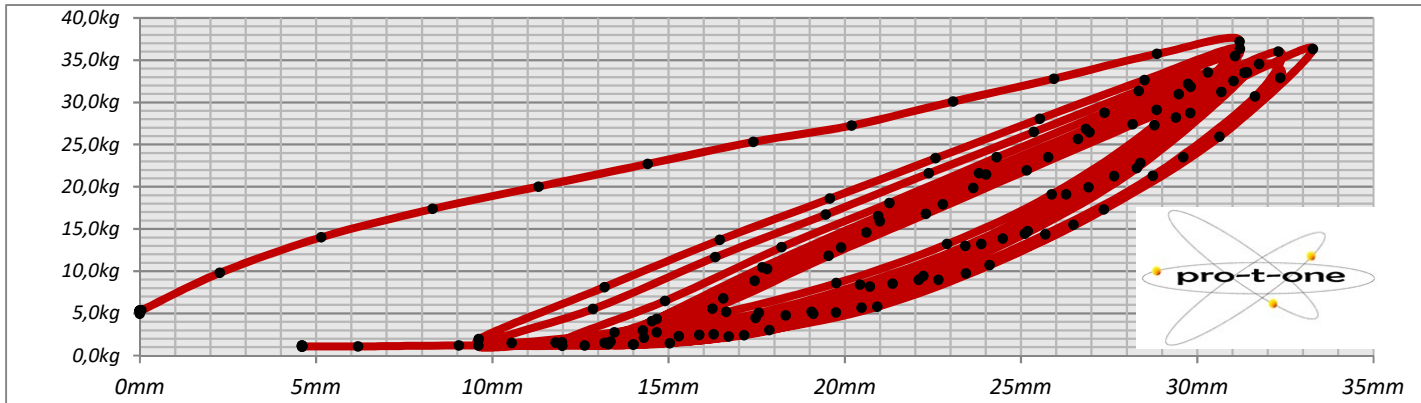


# TENSION LOSS DIAGRAM

13,9%	6,9%	20,8%
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# HYSTERESIS DIAGRAM - LOAD AND UNLOAD CYCLES



# KAMADO

original pro

1,25 mm  
mono 0,5

temp 25°C - relative humidity 65%



<b>POWER LEVEL</b>	572pnt	8,5/10	power attitude	108,0kgmm
<b>CONTROL LEVEL</b>	903pnt	10,0/10	control attitude	10,0/10
<b>SPIN POTENTIAL</b>	3,0	10,0/10		10
<b>DYN. STABILITY LEVEL</b>	630pnt	6,0/10	stability attitude-consistency	0,75
<b>TENSION LOSS INDEX 300</b>	21%	9,0/10	tension loss after 300" - 5mins	0,5
<b>PLAYING LIFE (tension-resilience)</b>	189%	8,0/10	dyn str life	8 - hrs 10 - hrs (approx.)
<b>MAX RESILIENCE RANGE</b>	20kg	24kg	maximum resilience range	
<b>RECOMMENDED TENSION</b>	18kg	22kg		0 -1

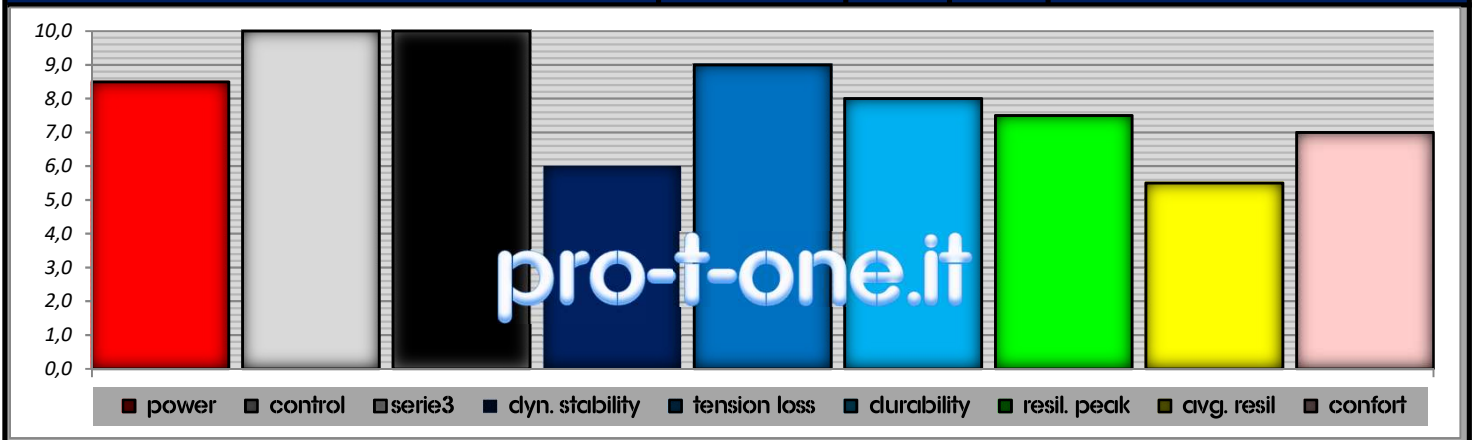
<b>RESILIENCE PEAK</b>	17kgmm	7,5/10	12kgmm 18kgmm reactivity:	high
<b>AVERAGE ELASTICITY</b>	42kgmm	5,5/10	vs gut	8-cycles 0
<b>STRING PLANE STIFFNESS 22,5kg</b>		5,5/10	new	
<b>STRING PLANE STIFFNESS 27,5kg</b>		10,0/10	new	

<b>PRESTRETCH</b>	YES	recommended %	5%	5%
<b>PROGRESSIVE PLASTICIZATION</b>	YES	5,0/10	def. plast.	4,1mm 4,0kg
				20%

		kg/mm			kg/mm	
STATIC STIFFNESS 10-15kg	super tough	1,35	new	130%	1,75	used
STATIC STIFFNESS 15-20kg	tough	1,10	new	159%	1,75	used
STATIC STIFFNESS 20-25kg	medium-tough	0,90	new	189%	1,70	used
STATIC STIFFNESS 25-30kg	medium-tough	0,85	new	200%	1,70	used
STATIC STIFFNESS 30-35kg	medium-tough	0,90	new	189%	1,70	used

<b>AVG. STATIC STIFFNESS 15-30</b>	med-tough	0,95	kg/mm
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<b>DYNAMIC STIFFNESS</b>	230	±5 g/mm	sample time 20ms	tension decay	x
	high	9,0/10	reference tension 20kg		
<b>STRING STIFFNESS EMULATOR</b>	225	±5 lb/inch	string legnth 325mm - deflection 10mm		
<b>ARM PROT - CONFORT LEVEL</b>	7,0/10	medium	6,6/10 6,9/10		



DEFORMATION --> elastic & plastic	21,5	
RESILIENCE avg. - elastic deformation	4,8	23%
DUCTILITY avg. plastic deformation	12,1	56%
PROGRESSIVE PLASTICIZATION II	4,6	21%

