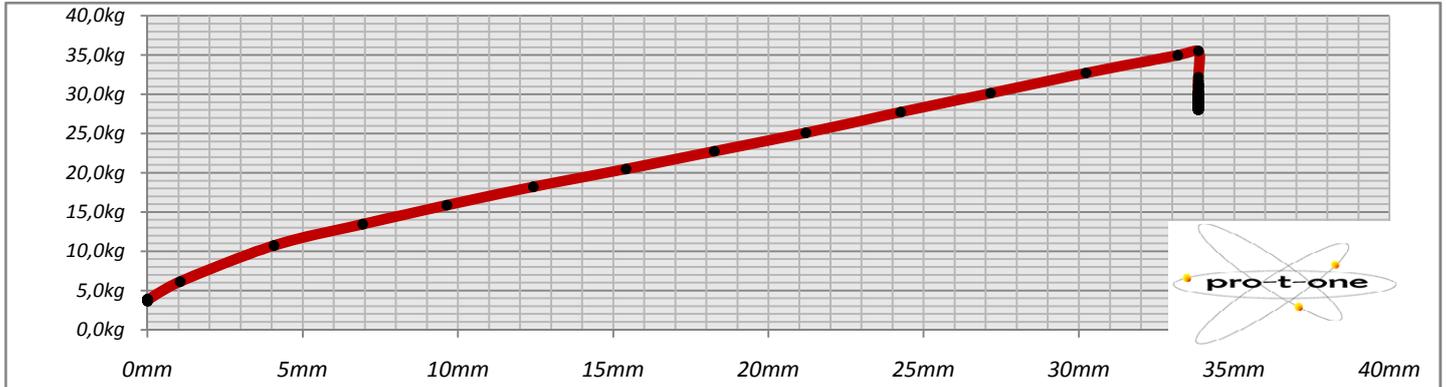
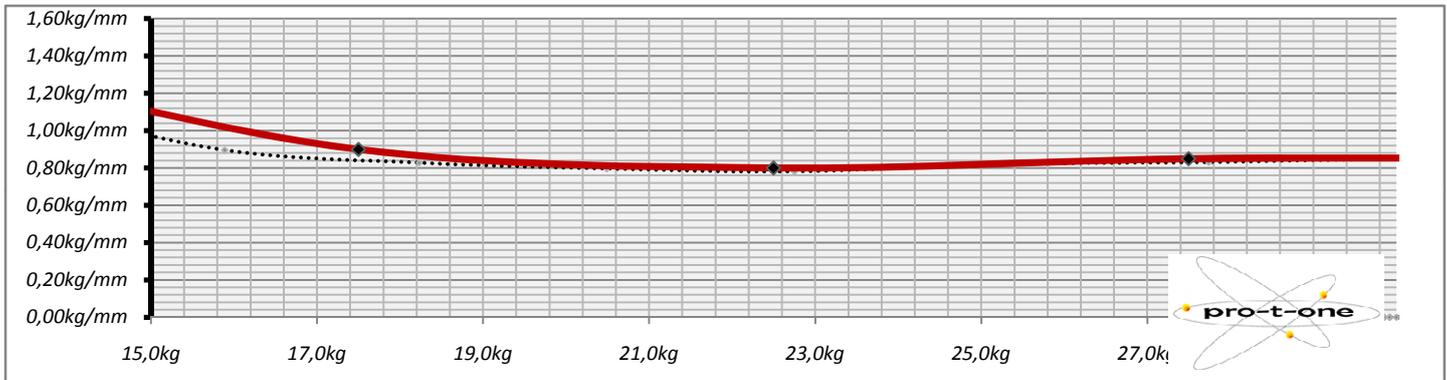


DEFORMATION - LOAD DIAGRAM



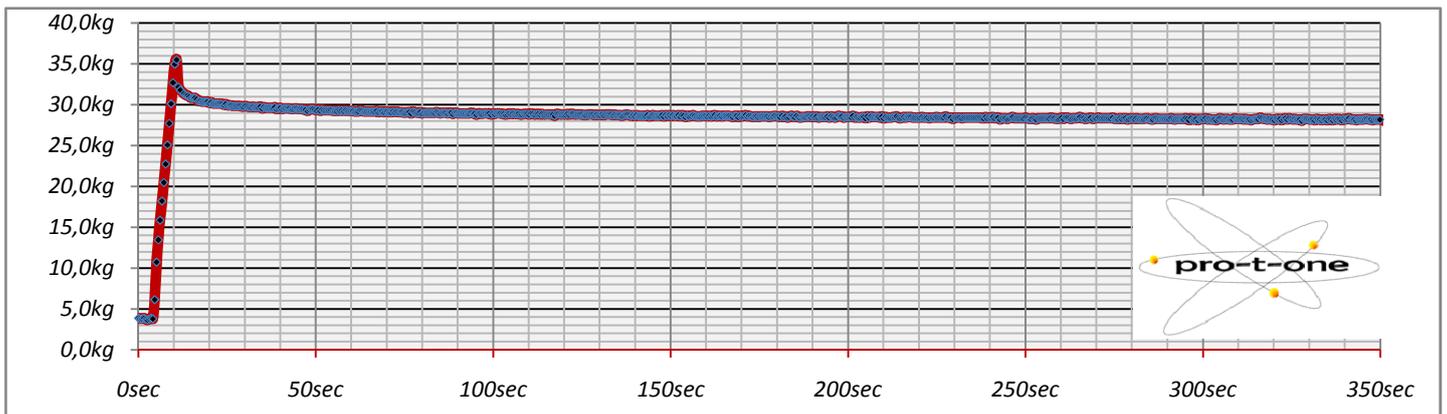
| | | | |
|--------------------------|----------------|-----------------------------------|------------|
| STRING LAB | 1,23 mm | temp 25°C - relative humidity 65% | |
| snow aaaz | | sample time | 700-800ms |
| mono | | starting length | 300mm |
| static stiffness 10-15kg | 1,35 kg/mm | static stiffness 20-25kg | 0,80 kg/mm |
| static stiffness 15-20kg | 0,90 kg/mm | static stiffness 25-30kg | 0,85 kg/mm |

STRING STATIC STIFFNESS MODULUS

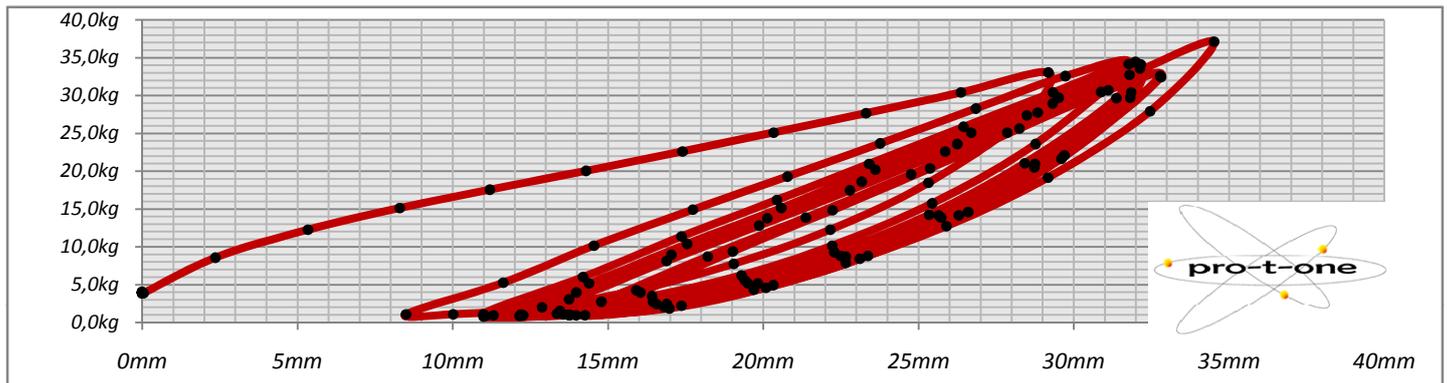


TENSION LOSS DIAGRAM

| | | |
|-------|------|-------|
| 13,2% | 7,2% | 20,4% |
|-------|------|-------|



HYSTERESIS DIAGRAM - LOAD AND UNLOAD CYCLES



STRING LAB

snow aaauz

1,23 mm

mono

0,5

temp 25°C - relative humidity 65%



| | | | | |
|-----------------------------------|--------|--------|---------------------------------|----------------------------|
| POWER LEVEL | 594pnt | 9,0/10 | power attitude | 109,1kgmm |
| CONTROL LEVEL | 723pnt | 8,0/10 | control attitude | 8,5/10 stiffness |
| SPIN POTENTIAL | 1,5 | 8,5/10 | | 8,5 |
| DYN. STABILITY LEVEL | 669pnt | 7,0/10 | stability attitude-consistency | 0 |
| TENSION LOSS INDEX 300 | 20% | 9,0/10 | tension loss after 300" - 5mins | 0,5 |
| PLAYING LIFE (tension-resilience) | 206% | 7,5/10 | dyn str life | 6 - hrs 10 - hrs (approx.) |
| MAX RESILIENCE RANGE | 20kg | 24kg | maximum resilience range | |
| RECOMMENDED TENSION | 20kg | 24kg | | 0 -1 |

| | | | | |
|-------------------------------|--------|--------|---------------|--------------------|
| RESILIENCE PEAK | 17kgmm | 6,5/10 | 12kgmm 18kgmm | reactivity: medium |
| AVERAGE ELASTICITY | 41kgmm | 5,5/10 | vs gut | 7-cycles 0 |
| STRING PLANE STIFFNESS 22,5kg | | 4,5/10 | new | |
| STRING PLANE STIFFNESS 27,5kg | | 8,5/10 | new | |

| | | | | |
|---|-----|---------------|-------------|-------------|
| PRESTRETCH | NO | recommended % | --- | 5% |
| PROGRESSIVE PLASTICIZATION - FEELING | YES | 5,0/10 | def. plast. | 4,5mm 4,0kg |
| | | | | 18% |

| | | kg/mm | | | kg/mm | |
|------------------------------------|--------------|-------|-------|------|-------|-----------|
| STATIC STIFFNESS 10-15kg | super tough | 1,35 | new | 119% | 0 | 1,60 used |
| STATIC STIFFNESS 15-20kg | medium-tough | 0,90 | new | 178% | 0 | 1,60 used |
| STATIC STIFFNESS 20-25kg | medium-tough | 0,80 | new | 206% | 0 | 1,65 used |
| STATIC STIFFNESS 25-30kg | medium-tough | 0,85 | new | 194% | 0 | 1,65 used |
| STATIC STIFFNESS 30-35kg | medium-tough | 0,85 | new | 188% | 0 | 1,60 used |
| AVG. STATIC STIFFNESS 15-30 | med-tough | 0,85 | kg/mm | | | |

| | | | | |
|----------------------------------|--------|------------|---------------------------------------|---------------|
| DYNAMIC STIFFNESS | 230 | ±5 g/mm | sample time 20ms | tension decay |
| | high | 9,0/10 | reference tension 20kg | |
| STRING STIFFNESS EMULATOR | 225 | ±5 lb/inch | string legnth 325mm - deflection 10mm | |
| ARM PROT - CONFORT LEVEL | 7,0/10 | medium | 6,6/10 | 7,4/10 |



| | | |
|---------------------------------------|------|-----|
| DEFORMATION --> elastic & plastic | 19,2 | |
| RESILIENCE avg. - elastic deformation | 4,8 | 25% |
| DUCTILITY avg. plastic deformation | 10,9 | 56% |
| PROGRESSIVE PLASTICIZATION II | 3,6 | 19% |

