

# meteorological parachutes

## Parachutes

In spite of the light weight of the parachute types W&V-2 and W&V-1, an exceptionally high tensile strength has been achieved. They function even under extreme temperature conditions (+50..-80°).

The environmentally sound material does not absorb any moisture. Tensile strength and opening are not impaired, even when completely wet. The conspicuous red canopy contributes both to air safety and to the number of radio-sondes recovered.

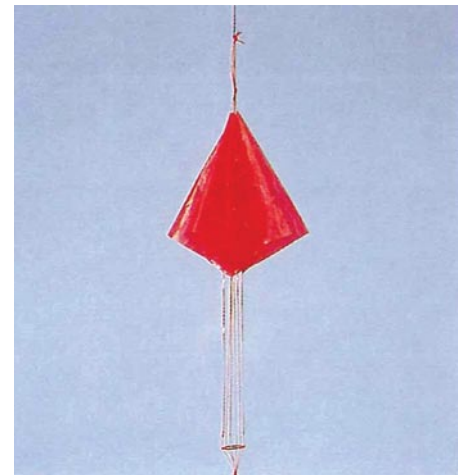
Use of single packs facilitates handling and prevents crossing of the shroud lines.

### FEATURES

- Low total weight
- High tensile strength and overall carrying capacity
- Resistance to extreme temperatures
- Functional reliability
- Easy handling
- Environmental soundness

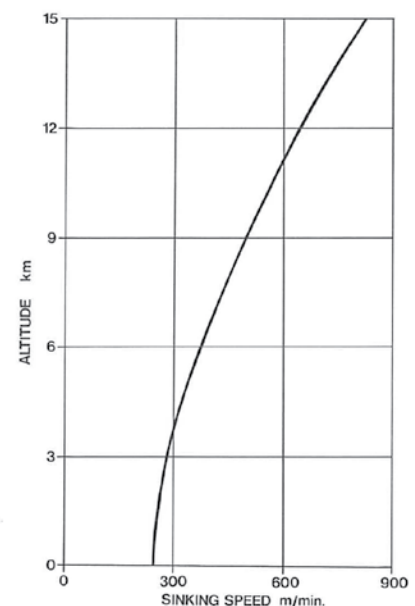
### TECHNICAL DATA FOR W&V PARACHUTES

SPECIFICATIONS	W&V-2	W&V-1
Diameter	110 cm	55 cm
Rate of descent near ground with a payload of	4,2 m/s @ 1,5 kg	4,3 m/s @ 0,4 kg
Parachute area	1,0 m <sup>2</sup>	0,25 m <sup>2</sup>
Weight incl. shroud lines & spacer ring	approx. 40 g	approx. 10 g
Tensile strength	260 N	260 N
Carrying capacity	approx. 1,8 kg	approx. 0,7 kg
Temperature range	+50 °C .. -80 °C	+50 °C .. -80 °C
Colour	Signal colour "reddish - orange"	

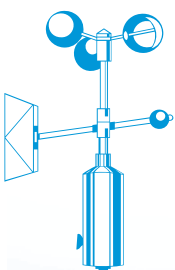


The rate of descent of the PC parachutes depends on the altitude and the payload.

Payload: mass of radio-sonde  
+ radartarget  
+ residual balloon



made to measure



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