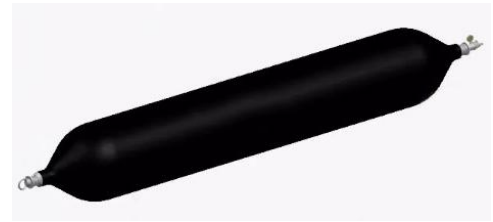


NANHAI SHIP LAUNCHING AIRBAGS

Rubber Material Specifications

NANHAI is the international leading ship launching airbags manufacturer with 20 years in airbags production. **NANHAI Ship launching airbags** design and manufacture according to ISO 14409:2011. And each item parameter far exceed ISO14409. **"Superior Guarantee, Supreme Guard"**



ISO14409 provide guidance data on rubber physical properties. NANHAI rubber material's tensile strength and tear strength etc. indicators all exceed ISO 14409, fully protect ship all-weather and under rough application conditions. Contact us to know more indicators.

No.	Rubber Material Test Item	Value	Standard
1	Tensile Strength, Mpa	≥ 18	ISO 37
2	Elongation at break, %	≥ 400	ISO 37
3	Hardness, ° (Shore A)	60 ± 10	ISO 7619-1
4	Tear Strength, N/cm	≥ 400	ISO 34-1
5	Compression set % (70°C±1°C,22h)	≤ 30	ISO 815-1
6	Holding of pull lengthening, %	≥ 80	ISO 188
7	Holding of elongation at break, %	≥ 80	ISO 188
8	Change of hardness, ° (Shore A)	≤ 8	ISO 7619-1
9	Static ozone aging at 40°C x 96h, extension 20%	No crack	ISO 1431-1

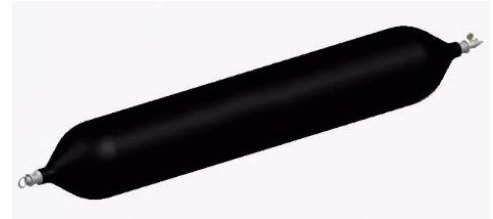
NOTE: Above data are the minimum performance requirements for rubber materials of NANHAI. Please contact us for specific performance parameters.

NANHAI SHIP LAUNCHING AIRBAGS

Synthetic Tyre Cord Specifications

NANHAI is the international leading ship launching airbags manufacturer with 20 years in airbags production. NANHAI Ship launching airbags design and manufacture according to ISO 14409:2011. And each item parameter far exceed ISO14409.

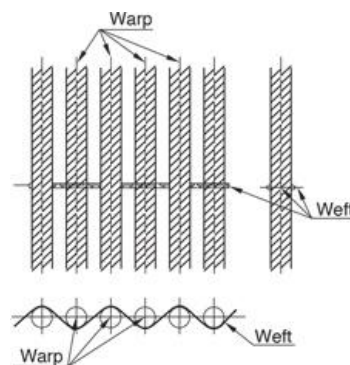
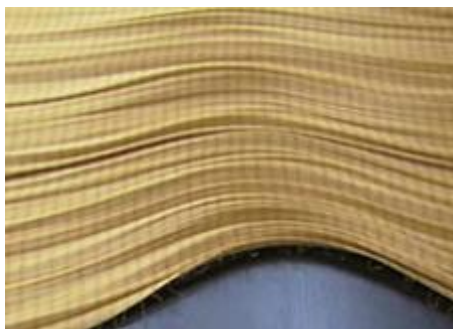
"Superior Guarantee, Supreme Guard"



Synthetic tire cord as a reinforcing material, have been proven to provide strong efficient reinforcement layers in airbags. Synthetic tire cord physical properties also determine the strength of airbag, which is an important part that cannot be ignored.

NANHAI adopt **dtex/3 type synthetic tire cord (First Grade)** as reinforcing material to ensure airbag strength. The breaking strength will get more than **313N per cord**, which exceed dtex/2 type cord (260N-280N per cord). Contact us to know more indicators.

Synthetic Tyre Cord Requirements			
Test Item	Unit	Warp	Weft
Density	Ends/inch	24	2
Tensile Strength	N/mm ²	20	0,02



NOTE: Above data are the minimum performance requirements for synthetic tyre cord of NANHAI. Please contact us for specific performance parameters.