



NPS

NIEHOFF NPS Spools

Expertise, Customer Driven, Service – in Good Hands with NIEHOFF



NIEHOFF Original NPS Spools.

In around 20 years, a pool of more than three million NPS spools, which are compatible with each other, has come into being worldwide – an invaluable advantage for you and your customers. No matter which spools are returned, they always fit together.

We want to maintain this advantage for you, and this is why NIEHOFF has protected this compatible system for a long time.

How can you identify the original?

NIEHOFF supplies original NPS reusable spools with a built-in RFID transponder system as an option. Hence your incoming goods department can always identify the original. Another advantage offered by RFID is a simplified spool labeling. Spool identification is stored in RFID and thus no label is needed.

Design:

- for the processing of copper alloy signal wires with a cross section of 0.13 mm² and copper wires of up to 6.00 mm²

Increase in quality:

- reduction of cable scrap rate

Increase in productivity:

- tangle-free wire pay-off at highest speeds before crimping machines for all materials and wire cross sections

Energy and cost efficiency:

- use of packing material is avoided, NPS spools are durable and can be completely recycled
- temporary storage of partly filled spools is possible
- the emptied NPS spools are dismantled and stacked into one another ensuring a low-cost return transport to the cable maker (100 empty spools on one europallet)

Optional:

- RFID identifying the original and replacing the label



RFID Chip



NPS 400/400 PP



NPS 400/250 PP



NPS 400/150 PP



NPS 400/100 PP



NPS 600/400



NPS 400/400



NPS 400/250



NPS 400/150



NPS 400/100



NPS Spools

Technical data/prices						
type		NPS 600/400	NPS 400/400 NPS 400/400 PP	NPS 400/250 NPS 400/250 PP	NPS 400/150 NPS 400/150 PP	NPS 400/100 NPS 400/100 PP
article number		295700.5	140900.5	323338.5	335129.5	338648.5
flange diameter	mm	600	400	400	400	400
traverse height	mm	400	400	250	150	100
winding capacity	dm ³	66.4	30.3	17.6	10.0	4.5
admissible total weight	kg	400	100	60	35	15
option RFID transponder system (one chip in the cone and one in the flange)	Euro/spool		0.50			

Prices available on request, please write to nps@niehoff.de

NPS Spooler

Technical data							
type		SV 401 D.1 double spooler			SV 402 D.2 double spooler		SV 400 double spooler/rewinding unit
max. production speed	m/min	1,500 inline with extruder			1,800 inline with extruder		400
max. production speed		0.13 ... 0.17 Cu alloy			0.13 ... 0.17 Cu alloy		
cable cross-section	mm ²	0.22 ... 6.0 (flexible Cu conductor)			0.22 ... 6.0 (flexible Cu conductor)		0.22 ... 6.0 (flexible Cu conductor)
cable outer dia	mm	1.0 ... 5.0 (including insulation)			1.0 ... 5.0 (including insulation)		1.0 ... 5.0 (including insulation)
spool sizes		NPS-multiway-system			NPS-multiway-system		NPS-multiway-system
flange dia.	mm	400	400	400	400	400	400
winding width	mm	400	250	150	400	250	150 100



ID-No.	Description
320 930 ② ③ ④	pay-off AUV 400 P for NPS 400 spool, carriage with tray and pay-off cover
320 973 ② ③	pay-off AUV 400 P for NPS 400 spool, carriage with tray, without pay-off cover
320 932 ③ ④	pay-off AUF 400 P for NPS 400 spool, tray with pay-off cover, without carriage
292 588 ④	pay-off cover for NPS 400 spool
320 985 ①	CrNi ring insert
335 112 ⑤	height adjustable spool support for NPS 400/250 spool and NPS 400/150 spool, without tray and carriage
225 989 ⑥	lifting device for NPS 400 spool, load capacity 150 kg
226 934	lifting device for NPS 600 spool, load capacity 500 kg
234 291 ⑦	handles for NPS 400 spool and NPS 600 spool, one pair per spool necessary (price is per pair)
342 726 ⑧	tool for removal of cable residue from wire knives

We reserve the right to modify technical specifications according to technical improvement and advances. 11.2016