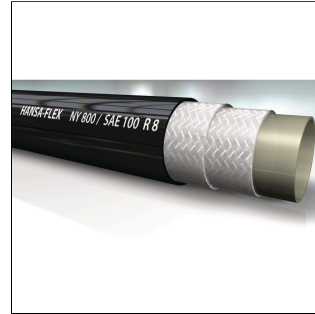


## Properties

Inner tube	polyester elastomer
Reinforcement	one aramid braid
Cover	polyurethane (PUR) pricked
Application	high pressure circuits general application
Colour	black
Elongation	+ 3 % to - 3 %
Media	mineral oil applications with gaseous or chemical media synthetic oils water (0 °C to +60 °C) water-oil-emulsions (up to +60 °C)
Special features	high ozone and abrasion resistance no swelling or brittleness when used with solvents or alkaline media very good reverse bending fatigue strength slight volumetric expansion
Standard	ISO 3949 / R8-1
Temp. max.	93 °C
Temp. min.	-40 °C
Customs tariff number	39173100



The product image may differ

## Note

The change in length of the hose is determined at max. working pressure during testing according to EN ISO 1402

## Items

Identification	DN*	Inch	Size	Inside Ø (mm)	Outside Ø (mm)	Working pressure (bar)	Burst pressure (bar)	Bend radius min. (mm)
NY 804	5	3/16"	3	5	8.9	350	1,400	30
NY 806	6	1/4"	4	6.5	11.5	350	1,400	50
NY 808	8	5/16"	5	8.1	13.4	310	1,200	55
NY 810	10	3/8"	6	9.7	15.5	280	1,120	60
NY 813	12	1/2"	8	13	19.9	245	980	80
NY 820	19	3/4"	12	19.5	26.9	165	660	150
NY 825	25	1"	16	25.9	34.2	140	560	200

DN = nominal diameter, nominal width

## Suitable Frames

PHY 700 N	Swage ferrule for hose NY700, steel
PHY 800	Swage ferrule for NY800, steel
PHY 800 N	Swage ferrule for hose NY800, steel