NYZ 800 (R8) Thermoplastic high pressure twin hose



Properties

Application	High pressure circuits general application				
Special features	high ozone and abrasion resistance no swelling or brittleness when used with solvents or alkaline media Twin hose very good reverse bending fatigue strength slight volumetric expansion				
Standard	SAE 100 R 8, BS 4983, ISO 3949				
Inner layer	Polyester elastomer				
Insert	one aramide braided insert				
Outer layer	Polyurethane				
Colour	black				
Temp. min.	-40 °C				
Temp. max.	100 °C				
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)				

Note

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

Item

item										
Identification	DN*	Size	Inches	Internal Ø (mm)	External Ø (mm)	Operating pressure (bar)	Burst pressure (bar)	Min. bending radius (mm)		
NYZ 804	5	3	3/16"	5,0	8,9	350,0	1400	30		
NYZ 806	6	4	1/4"	6,5	11,5	350,0	1400	50		
NYZ 808	8	5	5/16"	8,1	13,4	300,0	1200	55		
NYZ 810	10	6	3/8"	9,7	15,5	280,0	1120	60		
NYZ 813	12	8	1/2"	13,0	19,9	245,0	960	80		

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DN = Nominal diameter, nominal width