



Designed as connecting cable between the welding tool and the welding apparatus, for flexible use under adverse conditions such as in automobile or ship manufacturing and on conveyors, assembly lines etc.

Suitable for indoors or outdoors applications including in damp or oily areas.

H01N2-E = extra flexible version.

Construction

stranded plain copper conductors

separating layer

black polychloroprene rubber (PCP neoprene)
outer sheath

Can also be described as HOFR = Heat and Oil Resistant, Flame Retardant

Technical

conductor stranding:	H01N2-D = between class 5 and class 6, H01N2-E = to class 6 or finer (VDE 0295 / IEC 60228 / BS EN 60228:2005)
bend radius:	H01N2-D = 6 x overall diameter (O/D) fixed, 12x O/D flexing H01N2-E = 5 x O/D fixed, 10 x O/D flexing
voltage rating:	100/100V operating, 1000V test
current rating:	see rubber sheathed welding chart
temperature range:	-20°C to +85°C fixed, -20°C to +80°C flexing
standards:	construction generally to EN 50525-2-81, VDE 0298-300 flame retardant according to VDE 0482-332-1-2, IEC 60332-1, EN 60811-2-1

Area (mm ²)	Diameter (mm)	Weight (kg/km)	Area (mm ²)	Diameter (mm)	Weight (kg/km)
16	8.8 – 11.0	220	95	17.1 – 21.4	1050
25	10.1 – 12.7	300	120	19.2 – 24.0	1290
35	11.4 – 14.2	410	150	23.0 – 28.9	1590
50	13.2 – 16.5	560	185	24.0 – 29.5	1920
70	15.3 – 19.2	770			

PCP Rubber (Polychloroprene) Properties: this self-extinguishing compound, also known as or Neoprene has excellent resistance to oxygen, UV, ozone & water and very good resistance to acids, alkalis & solvents. It has good abrasion resistance but has poor fuel resistance, poor tear resistance and low gas permeability.

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