

# 316l stainless steel flexible hose coupled for solar thermal systems

- cod. 29100010 - cod. 29100020 - cod. 29100030
- cod. 29100040 - cod. 29100050 - cod. 29100060
- cod. 29100070 - cod. 29100080 - cod. 29100090



## STEEL TUBE SPECIFICATIONS:

- Alloy AISI 316 L (EN X2 CRNIMO 17-12-2)
- Max working pressure 10 bar (Ø 20 and 25), 16 bar (Ø 16)

## INSULATING TECHNICAL SPECIFICATIONS:

- Thermal conductivity at 20°C = 0.040 W/(m·K)
- Water vapour diffusion  $\mu \geq 3000$
- Product does not contain CFCs, HCFCs, or formaldehyde
- Corrosion issues: chlorides <0.05%, nitrites <0.0001%
- Ammonia <0.02% (DIN 1988/7)
- Max. operating temperature +150°
- Reaction to fire: brandkennziffer 5-3 (CH)
- B2 DIN 4102 (D)
- BS 476 PART 7 (CLASS 1 – UK)

## PROTECTIVE LAMINATE TECHNICAL SPECIFICATIONS:

- 300 g/m<sup>2</sup> smooth PE sheet (thickness approx. 300 $\mu$ )
- Melting temperature 114°C
- Softening temperature 93°C
- Embrittlement temperature -75°C

- Breaking load 25 MPA
- Elongation at break 300%

## ELECTRICAL CABLE TECHNICAL SPECIFICATIONS:

- Operating temperature -60°C + 200°C
- Rated voltage 500 V
- Copper class 5 IEC 228

## DIMENSIONS

CODE	MODEL	NOM. DIMENSIONS STEEL TUBE (DN)	Ø EXTERNAL STEEL PIPE (mm)	STEEL PIPE THICKNESS (mm)	ROLL LENGTH [m]
29100010	DN 16 - 10 m	16 + 16	21,4	0,18	10
29100020	DN 16 - 15 m	16 + 16	21,4	0,18	15
29100030	DN 16 - 20 m	16 + 16	21,4	0,18	20
29100040	DN 16 - 25 m	16 + 16	21,4	0,18	25
29100050	DN 16 - 50 m	16 + 16	21,4	0,18	50
29100060	DN 20 - 10 m	20 + 20	26,7	0,20	10
29100070	DN 20 - 15 m	20 + 20	26,7	0,20	15
29100080	DN 20 - 20 m	20 + 20	26,7	0,20	20
29100090	DN 20 - 25 m	20 + 20	26,7	0,20	25

## ITEMS

CODE	DESCRIPTION
29100010	FLEXIBLE STAINLESS STEEL PIPES FOR SOLAR PANEL INSTALLATIONS
29100020	FLEXIBLE STAINLESS STEEL PIPES FOR SOLAR PANEL INSTALLATIONS
29100030	FLEXIBLE STAINLESS STEEL PIPES FOR SOLAR PANEL INSTALLATIONS
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