ERIKS

Hypalon

Material
Hypalon / CSM
Chlorosulfonated polyethylene or CSM is a synthetic rubber based on polyethylene.Chlorosulfonated polyethylene (CSM) is known for its excellent resistance to atmospheric conditions and good resistance to chemicals

Color
black

Density (gr/cm³)
±1,37

Hardness (°Shore A)
65 ±5

Pressure max. (bar)
10

Pressure max. (bar)
10

Temperature limit (°C)
Min -20°C, max +120°C

Application
Strong acids and alkalines. Hypalon is aging-resistant. Material identification by stamps. Not applicable for over-saturated steam.

Approvals and certificates
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Table 1: Technical data*

Property	Norm	Value	Unit
Max. surface pressure σ_{Vo}		10	MPa
Minimum temperature		-30	°C
Maximum temperature		+120	°C
Hardness	ISO 7619	70	Shore A
Elongation at break	ISO 37	400	%
Tensile strength	ISO 37	8	MPa
Density		1,37	g/cm³

* Depending on temperature en construction.

Table 2: Supply programme*

Thickness (mm)	Inserts	Width (mm)	Length (m)	Part no.
2	-	1400	10	10017127
3	-	1400	10	10017128
4	-	1400	10	10017129
5	-	1400	10	10017130
10	-	1400	5	10017131

* Deviating thickness available upon request. Gaskets according to drawings can easily and quickly be manufactured.

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