

TECHNICAL DATA SHEET

VELCRO FIRE SLEEVE--for size from 10mm to 304mm ID

Velcro Firesleeve Description

Darco Velcro Fire Sleeve made from silicone coated fiberglass sewn with fire retardant and high strength Velcro hook-and-loop closure and Kevlar coated S/S thread, is designed as a heavy duty jacket to protect different kinds of hoses, wires and cables from the hazards of high heat and occasional flame.

The Velcro construction is easy for installation and disassembly without disconnecting the device or circuit. Good thermal insulation and fire proof performance make Darco Velcro Fire sleeve reduce heat energy losses and protect employees from heat.

Velcro Firesleeve Quick Reference

<p>Materials:</p> <ul style="list-style-type: none">• E-Glass Fiberglass• Silicone Rubber Coating• Fire retardant and high strength Hook and Loop• Kevlar coated S/S thread <p>Recommended Operating Temperature:</p> <ul style="list-style-type: none">• Continuous working under 500°F (260°C)• Short Time Exposure to 1650°C <p>Size Range:</p> <ul style="list-style-type: none">• 10mm - 304mm <p>Applications</p> <ul style="list-style-type: none">• Hose and Cable Heat & Flame Protection• Insulation/Heat Containment	<p>Industries:</p> <ul style="list-style-type: none">• Transportation• (Aerospace, Auto, Locomotive, Heavy Equipment)• Metals, Iron & Steel• Hose Fabrication• Oil & Gas• OEM <p>Custom Options:</p> <ul style="list-style-type: none">• Special bulk packaging to maximize Hook & Loop Closure.• Colours (Blue, Green, Yellow, Black, Grey, Red)• Custom printing layline (logo, brand, part number, etc.)
--	--

TECHNICAL DATA SHEET

VELCRO FIRE SLEEVE--for size from 10mm to 304mm ID

Velcro Firesleeve Technical data

NO.	PROJECT	REFERENCE DATA	TEST INSTRUMENT	RESULT
1	TENSILE STRENGTH	8.2Mpa min.	ASTMD638	≥14MPa
2	ELONGATION OF BREAK	250% Min.	ASTMD638	≥320%
3	HEAT SHOCK(300°C,4h)	NO CRACK	ASTMD2671	PASS
4	LOW TEMPT. FLEXIBILITY(-75°C,4h)	NO CRACK	ASTMD2671	PASS
5	BREAKDOWN VOLTAGE	2500v 60 SECONDS	ASTMD2671	PASS
6	RATE VOLTAGE	7.9kv/mm min	ASTMD2671	≥9.8kv/mm
7	FLAME RETARDANT	SELF-EXTINGUISH WITHIN 15 SECONDS	ASTMD2671	PASS
8	HEAR RESISTANT	UNDER 260°C,48 HOURS, NO CHANGE	HIGH TEMPERATURE ELECTRIC OVEN	PASS

Test Reports

RoHS, Fire test EN60332-1-2, MSDS, Tensile Test, Heat Shock, Low Temperature Properties, Dielectric Strength, and Withstand Voltage

TECHNICAL DATA SHEET

VELCRO FIRE SLEEVE--for size from 10mm to 304mm ID

Standard Specifications - Product Details

Darco Part No.	Inner Dia.		Wall Thickness/mm	Roll Length/m
	mm	inch		
DFSVR010	10	3/8	2.1	20
DFSVR015	15	5/8	2.4	20
DFSVR020	20	3/4	2.6	20
DFSVR025	25	1	2.9	20
DFSVR030	30	1 1/8	3.1	20
DFSVR035	35	1 3/8	3.4	20
DFSVR040	40	1 5/8	3.4	20
DFSVR045	45	1 3/4	3.6	20
DFSVR050	50	2	3.7	20
DFSVR055	55	2 1/6	3.8	10
DFSVR060	60	2 3/8	4	10
DFSVR065	65	2 1/2	4.1	10
DFSVR070	70	2 3/4	4.3	10
DFSVR075	75	3	4.3	10
DFSVR080	80	3 1/8	4.5	10
DFSVR085	85	3 3/8	4.5	10
DFSVR090	90	3 1/2	4.6	10
DFSVR095	95	3 3/4	4	10
DFSVR100	100	4	3.2 (New) - 3.5 (Old)	10
DFSVR114	114	4 1/2	3.2 (New) - 3.5 (Old)	10
DFSVR127	127	5	3.2 (New) - 3.5 (Old)	10
DFSVR140	140	5 1/2	3.2 (New) - 3.5 (Old)	10
DFSVR152	152	6	3.2 (New) - 3.5 (Old)	10
DFSVR165	165	6 1/2	3.2 (New) - 3.5 (Old)	10
DFSVR178	178	7	3.2 (New) - 3.5 (Old)	10
DFSVR191	191	7 1/2	3.2 (New) - 3.5 (Old)	10
DFSVR203	203	8	3.2 (New) - 3.5 (Old)	10
DFSVR216	216	8 1/2	3.2 (New) - 3.5 (Old)	10
DFSVR229	229	9	3.2 (New) - 3.5 (Old)	10
DFSVR241	241	9 1/2	3.2 (New) - 3.5 (Old)	10
DFSVR254	254	10	3.2 (New) - 3.5 (Old)	10
DFSVR279	279	11	3.2 (New) - 3.5 (Old)	10
DFSVR304	304	12	3.2 (New) - 3.5 (Old)	10

TECHNICAL DATA SHEET

VELCRO FIRE SLEEVE--for size from 10mm to 304mm ID

Note: 100m dia and over wall thickness is 3.2mm for New Style and 3.5mm for Old Style. New Style is smoother silicone but stiffer, Old style is more supple and flexible



TECHNICAL DATA SHEET

VELCRO FIRE SLEEVE--for size from 10mm to 304mm ID

Application examples

