



TECHNICAL DATA SHEET
ICO -FLEX EXPANDABLE SLEEVING
"XPF"

PROPERTIES		FLAME-RETARDANT
Property	Test Method	Performance
Tensile Strength	ASTM D-876	55,000 psi
Elongation	ASTM D-876	25%
Specific Gravity	ASTM D-876	1.31
Moisture Absorption 24 hours	ASTM D-876	0.08%
Shrinkage @ 180°C		4.2%
Max. Operating Temp.	UL 224	125°C
Melt Temperature	ASTM D-2117	240°C
Low Temp. Flexibility	MIL I 23053	-70°C
Flammability	UL 224	VW-1 / FR-1
Flexural Modulus 10 ³ psi @ 73°F	ASTM D-790	410
Fungus Resistance	MIL STD 810 (508)	No Growth
Copper Corrosivity	MIL I 23053	No Effect

FLUID RESISTANCE

Testing verifies that there is virtually no effect on the tensile strength or elongation of ICO-FLEX Expandable Sleeving when exposed to the following fluids: Cleaning Fluid, De-Icing Fluid, Fuel Oil, Gasoline, Hydraulic Fluid, Lubricating Oil, Salt Water, and Solvents.

Flame Retardant Cat.# - Size	Nominal ID (Inches)	Size Range (Inches)	Approx. Weight (Lbs./100 ft.)	Standard Spools Occasional Random Lengths (ft.)
XPF-1/8	1/8	3/32 - 1/8	0.17	100, 1,000
XPF-1/4	1/4	1/8 - 3/8	0.25	100, 1,000
XPF-3/8	3/8	1/4 - 5/8	0.55	100, 500
XPF-1/2	1/2	1/4 - 3/4	0.75	100, 500
XPF-3/4	3/4	1/2 - 1 1/4	1.25	100, 250
XPF-1 1/4	1 1/4	3/4 - 1 1/2	1.65	100, 250
XPF-1 3/4	1 3/4	1 1/4 - 2 1/2	2.75	100, 250
XPF-2	2	1 1/2 - 3	3.35	50, 100
XPF-2 1/2	2 1/2	1 3/4 - 3 1/2	4.65	50, 100

COLORS: BLACK and WHITE